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VOL. XXIII.

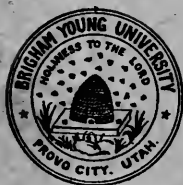
MAY 1, 1927

NO. IV.

Annual Catalogue

FOR THE SCHOOL YEAR

1927-1928



PUBLISHED BY THE
BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH

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QUARTERLY



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BRIGHAM YOUNG UNIVERSITY
PROVO, UTAH

1927

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12	3	4	5	6	7	8	9
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16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23	24	25	26	27	28	29	27	28						27	28	29	30	31			24	25	26	27	28	29	30
30	31						JUNE							JULY							AUGUST						
MAY										1	2	3	4						1	2		1	2	3	4	5	6
1	2	3	4	5	6	7	5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13
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22	23	24	25	26	27	28	26	27	28	29	30			24	25	26	27	28	29	30	28	29	30	31			
29	30	31					OCTOBER							31													
SEPTEMBER												1		NOVEMBER							DECEMBER						
				1	2	3	2	3	4	5	6	7	8		1	2	3	4	5					1	2	3	
4	5	6	7	8	9	10	9	10	11	12	13	14	15	6	7	8	9	10	11	12	4	5	6	7	8	9	10
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18	19	20	21	22	23	24	23	24	25	26	27	28	29	20	21	22	23	24	25	26	18	19	20	21	22	23	24
25	26	27	28	29	30		30	31						27	28	29	30				25	26	27	28	29	30	31

1928

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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22	23	24	25	26	27	28	19	20	21	22	23	24	25	18	19	20	21	22	23	24	22	23	24	25	26	27	28
29	30	31					26	27	28	29				25	26	27	28	29	30	31	29	30					
MAY							JUNE							JULY							AUGUST						
		1	2	3	4	5					1	2		1	2	3	4	5	6	7				1	2	3	4
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31					26	27	28	29	30	31	
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
						1		1	2	3	4	5	6				1	2	3							1	
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
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16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
23	24	25	26	27	28	29	28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
30																					30	31					

University Calendar

1927

AUTUMN QUARTER

September 12 and 13—Registration of students.

September 14—Instruction begins.

October 16—Founder's Day. (Will be observed Monday, October 17.)

November 23 to 28 (Wednesday evening until Monday morning)—Thanksgiving recess.

December 2—Autumn Quarter closes.

WINTER QUARTER

December 5—Winter Quarter begins.

December 23 (Friday evening)—Christmas recess begins.

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January 9—School work resumed.

January 23 to 27—Leadership Week.

March 9—Winter Quarter closes.

SPRING QUARTER

March 12—Spring Quarter begins.

May 27—Baccalaureate services.

May 30—Fifty-second Commencement exercises.

June 4—Summer Quarter begins.

Church School Officers

GENERAL CHURCH BOARD OF EDUCATION

HEBER J. GRANT	JOSEPH FIELDING SMITH
ANTHONY W. IVINS	DAVID O. McKAY
CHARLES W. NIBLEY	STEPHEN L. RICHARDS
WILLARD YOUNG	RICHARD R. LYMAN
RUDGER CLAWSON	JOHN A. WIDTSOE
ORSON F. WHITNEY	ADAM S. BENNION
ARTHUR WINTER, Secretary-Treasurer.	

SUPERINTENDENT OF CHURCH SCHOOLS

ADAM S. BENNION

Authorities of the Brigham Young University

BOARD OF TRUSTEES

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THOMAS N. TAYLOR, Vice-President

SUSA YOUNG GATES	STEPHEN L. CHIPMAN
REED SMOOT	JOSEPH R. MURDOCK
LAFAYETTE HOLBROOK	JOSEPH REECE
JOSEPH FIELDING SMITH	ZINA Y. CARD
J. WM. KNIGHT	WILLARD YOUNG
EDWARD H. HOLT, Secretary-Treasurer	

EXECUTIVE COMMITTEE

THOMAS N. TAYLOR

J. WM. KNIGHT

STEPHEN L. CHIPMAN

The Faculty*

FRANKLIN STEWART HARRIS President

B. S., Brigham Young University, 1907; Ph. D., Cornell University, 1911; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1910-11; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment station, 1911-21; Director School Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—.

**GEORGE H. BRIMHALL President-Emeritus,
Professor of Theology**

B. Pd., Brigham Young University, 1893; D. Sc. D., Church Board of Education, 1898; L. L. D., Brigham Young University, 1921; Principal of Schools, Spanish Fork, Utah, 1877-1886; Superintendent Utah County Schools, 1885-87; Superintendent Provo City Schools, 1886-92; Instructor in Theology, Psychology, and Pedagogy, Brigham Young University, 1892-98; Professor of Psychology and Pedagogy, 1898-1900; Acting President, 1900-1902; President, 1904-21; President-Emeritus and Professor of Theology, 1921—.

**JOHN C. SWENSON Professor of Economics
and Sociology**

A. B., Stanford University, 1898; M. A., Columbia University 1921; Graduate work, Columbia University, Summer of 1924; Principal of Panguitch Academy, 1898-91; Superintendent Fillmore Schools 1893-94; Member Utah State Board of Education, 1917—; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-06; Dean of College, 1904-10; Acting Dean College of Education, 1921-24; Professor of Economics and Sociology, 1906—.

*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

CHARLES E. MAW Professor of Chemistry

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—.

ALFRED OSMOND Professor of English

A. B., Harvard University, 1903; M. A., Columbia University, 1920; Graduate work, University of Chicago, Summer of 1913; Columbia University, Summer of 1920; Superintendent of Schools, Bear Lake County, Idaho, 1885-86; Professor of English, Brigham Young University, 1903—.

CHRISTEN JENSEN Professor of History and Political Science, Acting Dean College of Applied Science

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago 1921; Graduate work, University of California Summer of 1915; Assistant Professor of History and Political Science, Brigham Young University, 1908-11; Professor, 1911—; Acting Dean College of Applied Science, 1924—.

ELBERT H. EASTMOND Professor of Art

Diploma in Normal Art and Manual Training, Pratt Institute, 1902; B. Pd., Brigham Young University, 1906; Student, California School of Fine Arts, Summer, 1915; University of California, and California School of Arts and Crafts, Summers of 1916 and 1923; Rionido School of Art, Summer of 1918; University of Washington, 1923; Teacher of Art in New York Public Schools, Summers of 1901 and 1902; Supervisor of Art and Manual Training, Utah County Public Schools, 1903 and 1904; Professor of Art, Brigham Young University, 1904—.

AMOS N. MERRILL Professor of Secondary Teaching

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Graduate work, University of Illinois, Summer of 1908; University of Chicago, 1922-23; Stanford University, 1925; Instructor in Mechanic Arts, Brigham Young College, 1902-05; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Principal of High School,

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1914-16; Dean of Church Teachers' College, 1917-23; Professor of Secondary Teaching and Supervisor of Secondary Training, 1924—.

**EUGENE L. ROBERTS Professor of Physical Education,
Director of Athletics**

Student, Yale University, 1909-10; University of Utah Summers of 1910 and 1911; A. B., Brigham Young University, 1916; Graduate work, University of Wisconsin, Summer of 1925; Instructor in Physical Education, Yale University, 1909-10; Instructor in Physical Education, University of Utah, Summer of 1911; Director of Weber Gymnasium, 1924-25; Professor of Physical Education and Director of Athletics, Brigham Young University, 1910—.

**EDWARD H. HOLT Professor of Office Practice,
Secretary of the Faculty**

B. Pd., Brigham Young University, 1895; Instructor, Brigham Young University, 1893-95; Assistant Professor, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—.

ALICE L. REYNOLDS Professor of English Literature

A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of California, 1923; Member of University of Utah Summer School Faculty, 1921; Editor of Relief Society Magazine, 1923—; Instructor, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—.

**CARL F. EYRING Professor of Physics and Mathematics,
Dean of the College of Arts and Sciences**

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT Professor of Clothing and Textiles

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute, 1907-08; State Normal School, Santa Barbara, California, 1919-20; University of Chicago, 1922; Study in Europe 1924-25; Professor of Clothing and Textiles, Brigham Young University 1908——.

BENJAMIN F. CUMMINGS Professor of Modern and Classical Languages

A. B., University of Utah, 1913; Graduate work, University of Utah, 1920-22; University of Chicago, Summer of 1922; Stanford University, 1923-24; Instructor Modern Languages, Latter-Day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920——.

FLORENCE JEPPEPERSON MADSEN Professor of Music

Music Diploma, Brigham Young University, 1905; Diploma, New England Conservatory of Music, 1909; B. M., and M. M., Chicago Musical College, 1926; Graduate work in Music, New England Conservatory of Music, 1908-09; Private work, New York, 1919-20; Boston, 1926; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal, L. D. S. School of Music and Weber College, 1916-18; Instructor, Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920——.

HARRISON V. HOYT....Professor of Accounting and Business Administration, Dean of the College of Commerce and Business Administration

B. S., Purdue University, 1913; M. B. A., Harvard University, 1917; Assistant Engineer, Idaho Power & Light Co., 1913-15; Industrial Engineer, New York, 1917-21; Professor of Business Administration and Dean of the College of Commerce and Business Administration, Brigham Young University, 1921——.

THOMAS L. MARTIN Professor of Agronomy

A. B., Brigham Young University, 1912; Ph. D. Cornell University, 1919; Principal, Big Horn Academy, 1912-15; Emery Academy, 1916-17; Millard Academy, 1919-21; Instructor in soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921——.

**HUGH M. WOODWARD Professor of Philosophy of
Education, Dean of the Summer Session**

A. B., Brigham Young University, 1911; M. A., University of Utah, 1918; Ph. D., University of California, 1920; Principal, St. George Academy, 1911-14; President Dixie Normal College, 1914-20; Fellow-Teacher, University of California, 1919-20; Assistant Director Educational Work, Bureau of Public Health, Washington, D. C., 1920-21; Professor of Education, University of Washington, Summer of 1925; Professor of Philosophy of Education and Dean of Summer Session, Brigham Young University, 1921—.

***L. JOHN NUTTALL, JR. Professor of Educational
Administration, Dean of
the College of Education**

B. S., Columbia University, 1911; M. A., Columbia University, 1912; Graduate work, Columbia University, 1923; Superintendent of Iron County Schools, 1916-19; Superintendent of Nebo School District, 1919-22; Professor of Educational Administration, Brigham Young University, 1922—; Dean of the College of Education, 1923—.

**T. EARL PARDOE Professor of Public Speaking
and Dramatic Art**

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; Graduate work, Columbia University, 1924-25; Head of Department of Dramatic Arts and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor, 1922—.

WILLIAM J. SNOW Professor of History

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Graduate work, University of Chicago, Summer of 1913; Superintendent Washington County Schools, 1898-99; Principal Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

M. WILFORD POULSON Professor of Psychology

A. B., Brigham Young University, 1914; M. A.,

*On leave.

University of Utah, 1919; Graduate work, University of Chicago, 7½ Quarters from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

WALTER P. COTTAM Professor of Botany

A. B., Brigham Young University, 1916; M. S., 1919; Graduate Work, University of Wisconsin, Summer of 1921; Ph. D., University of Chicago, 1926; Assistant, Brigham Young University, 1916-18; Instructor, 1918-20; Assistant Professor of Botany, 1920-25; Professor of Botany, 1925—.

VASCO M. TANNER Professor of Zoology

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18; State Crop and Pest Inspector, Southern Utah, 1922-24; Professor of Zoology and Entomology, 1925—.

L. WESTON OAKS Medical Director

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-25; Medical Director, 1925—.

**CLAWSON Y. CANNON Professor of
Animal Husbandry**

B. S., Utah Agricultural College, 1913; M. S., Iowa State College, 1924; Graduate work, 1925-26, 1926-27; Instructor, Utah Agricultural College, 1913-14; in charge of Agriculture, Boise High School, 1914-20; Instructor in Animal Husbandry, Brigham Young University, 1920-21; Assistant Professor, 1921-25; Associate Professor, 1925-26; Professor, 1926—.

ROBERT SAUER Associate Professor of Music

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924—.

BENT F. LARSEN Associate Professor of Art

A. B., Brigham Young University, 1912; M. A.,

University of Utah, 1922; Graduate work, Academie, Paris, 1923-24; Academie Colarossi, Paris, 1923; Academie de La Grande Chaumiere, Paris, 1924; Supervisor of Art, Brigham Young University Training School, 1908-12; Associate Professor of Art, 1912—.

J. MARINUS JENSEN Associate Professor of English

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate work University of California, Summer of 1920; Stanford University, 1924-25; Assistant Professor of English, Brigham Young University, 1919-21; Associate Professor, 1921—.

HORACE G. MERRILL Associate Medical Director

A. B., Brigham Young University, 1914; M. D., Jefferson Medical College, 1908; F. A. C. S., American College of Surgeons, 1922; Graduate work, University of Edingburgh, 1913; University of Pennsylvania, 1921-22; North Chicago Hospital, 1915-16; Associate Medical Director, Brigham Young University, 1922—.

ELMER MILLER Associate Professor of Economics

A. B., Stanford University, 1914; Graduate work, Stanford University, 1914-15; University of Chicago, Summers of 1916 and 1919; University of California, Summers of 1918 and 1921; Principal of St. George High School, 1910-11; Instructor Dixie Normal College, 1911-12; Principal Pleasant Grove High School, 1915-16; Principal South Sanpete High School, 1916-17; Lehi High School, 1917-19; Davis County High School, 1919-22; Superintendent Alpine School District, 1922-23; Associate Professor of Economics, Brigham Young University, 1923—.

MURRAY O. HAYES Associate Professor of Geology

A. B., Brigham Young University, 1914; M. S., George Washington University, 1920; Ph. D., 1923; Instructor, Richfield High School, 1914-17; Assistant Examiner U. S. Patent Office, 1917-22; Instructor in Latin, Brigham Young University, 1912-13; Assistant Professor of Geology, 1922-23; Associate Professor, 1923—.

GERRIT DE JONG, JR. Associate Professor of
Modern Languages, Dean
of College of Fine Arts

A. B., University of Utah, 1920; M. A., 1925;
Graduate work, National University of Mexico, 1921;
University of Utah, Summers of 1923 to 25; In-
structor Murdock Academy, 1916-18; Instructor,
Latter-Day Saints University, 1919-25; Associate
Professor of Modern Languages and Dean of College
of Fine Arts, Brigham Young University, 1925—.

LOWRY NELSON Director of Extension Division,
Associate Professor of Sociology

B. S., Utah Agricultural College, 1916; M. S.,
University of Wisconsin, 1924; Graduate work,
University of California Southern Branch, Summer
of 1922; Assistant State Leader County Agents, Utah
Agricultural College, 1917-18; Editor, Utah Farmer,
1920-21; Director of Extension Division Brigham
Young University, 1921—; Assistant Professor of
Sociology, 1924-27; Associate Professor of Sociology
1927—.

JOSEPH SUDWEEKS Associate Professor of
Educational Administration

B. S., University of Idaho, 1912; M. A., University
of Chicago, 1920; Ph. D., University of Wisconsin,
1925; Instructor, Cassia Academy, 1916-19; In-
structor and Supervisor of Training, U. S. Veterans'
Bureau, University of Idaho, 1920-23; Assistant
1920-21; Director of Extension Division Brigham
Young University, 1921—; Assistant Professor of
1927—.

HERALD R. CLARK Associate Professor of
Finance and Banking

A. B., Brigham Young University, 1918; M. B. A.,
University of Washington, 1924; Instructor in
Accounting, Brigham Young University, 1913-17;
Assistant Professor of Commerce, 1917-21; Assist-
ant Professor of Finance and Banking, 1921-27;
Associate Professor of Finance and Banking, 1927—.

MILTON MARSHALL Associate Professor of Physics

A. B., Brigham Young University, 1918; Ph. D.,
University of Chicago, 1924; Instructor in Physics,
Brigham Young University, 1919-21; Assistant Pro-
fessor, 1924-27; Associate Professor, 1927—.

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LEROY J. ROBERTSON Associate Professor of Music

Graduate of New England Conservatory of Music, 1923; Instructor North Cache High School, 1923-24; Pleasant Grove High School, 1924-25; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927—.

PARLEY A. CHRISTENSEN Associate Professor of English

B. S., Utah Agricultural College, 1914; A. M., Stanford University of California, 1925; Ph. D., Stanford University, 1927; Student University of California, Summer of 1915; Teacher of English, Box Elder High School, 1915-17; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927—.

**CLARENCE S. BOYLE Associate Professor of
Accounting and Business
Administration**

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, Summer of 1926, Winter of 1926-27, Summer of 1927; Head of Commercial Department of Driggs, Idaho, High School, 1927-28; and of Provo High School, 1925-27; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927—.

**MARY J. OLLORTON Assistant Professor of
Elementary Teaching**

A. B., Brigham Young University, 1913; M. A., Columbia University, 1926; Graduate work, University of Chicago, 1913, 1914, and 1916; Columbia University, 1913; Director of Training School, Brigham Young University, 1913-18; Assistant Professor of Elementary Teaching, 1919—.

**IDA SMOOT DUSENBERRY Assistant Professor of
Psychology**

B. Pd., Brigham Young University, 1905; Student, Wheelock Girls College, 1907-09; Pestalozzi Froebel House, Berlin, Germany, 1912; Columbia University, 1920-21; University of Washington, Summer of 1919; Director of Kindergarten Training, Brigham

Young University, 1910-21; Assistant Professor of Psychology, 1921—.

HERMESE PETERSON Assistant Professor of
Elementary Training

Normal Training Student, Brigham Young University; Brigham Young College; Utah Agricultural College, 1906-08; Columbia University, 1917; University of Utah, 1919; University of California, 1922; University of Chicago, 1922-23; Brigham Young University, Summers of 1923 and 1925; Primary Supervisor of Alpine School District, 1908-12; Critic Teacher, Brigham Young University Training School, 1912-20; Primary Supervisor, 1920-23; Assistant Professor of Education, 1923—.

WILLIAM H. BOYLE Assistant Professor of
Elementary Teaching

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, 1917 and 1923; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Teaching, 1923—.

WILLIAM H. SNELL Assistant Professor
of Mechanic Arts

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Summer of 1919; Brigham Young University, Summers of 1924 and 1925; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921—.

THOMAS C. ROMNEY Assistant Professor of History

A. B., Brigham Young University, 1914; M. A., University of California, 1924; Instructor, Juarez Academy, 1909-1912; Instructor, Ricks Academy, 1913-14; Principal, Knight Academy, 1914-19; Principal, Oneida Academy, 1919-22; Instructor in History, Brigham Young University, 1922-23; Assistant Professor, 1923—.

HARRISON R. MERRILL Assistant Professor
of English

B. S., Utah Agricultural College, 1916; Graduate work, Utah Agricultural College, 1920; Brigham Young University, Summers of 1921 to 1923; Instructor in English, Oneida Academy, 1912-20;

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Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923—.

FRANKLIN MADSEN Assistant Professor of Music

A. B., Brigham Young University, 1925; B. M., and M. M., Chicago Musical College, 1926; Student, New England Conservatory of Music, 1914-15; European Music Teachers, 1923; Instructor in Music, Jordan High School, 1916-17; Springville High School, 1917-18; Magna High School, 1919-20; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924—.

***ELIZABETH CANNON Assistant Professor of Foods and Nutrition**

B. S., Utah Agricultural College, 1919; Graduate work, Columbia University, 1922-23; Instructor, Latter-Day Saints University, 1920-22; Instructor in Foods and Nutrition, Brigham Young University, 1923-25; Assistant Professor, 1925—.

EMMA BROWN Assistant Professor of Elementary Teaching

B. S., Columbia University, 1924; Student, University of Chicago, Summers of 1914 and 1918; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor, Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Teaching, 1925—.

**ASAEL C. LAMBERT Assistant Professor of Secondary Teaching
Principal University High School**

B. S., Brigham Young University, 1925; M. S., 1926; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal University High School, 1926; Assistant Professor of Secondary Teaching, 1927—.

LAVAL S. MORRIS Assistant Professor of Horticulture

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926—.

*On leave.

EFFIE WARNICK Assistant Professor in Household Administration

B. S., Utah Agricultural College, 1914; Graduate work, Summer of 1915; Columbia University, Summer of 1921; University of California, Summer of 1925; Instructor, Branch Agricultural College 1914-15; Pleasant Grove High School, 1915-22; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; Household Administration, 1923-27; Assistant Professor 1927—.

ED. M. ROWE Assistant Professor in English

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Summer of 1924; Brigham Young University, 1924-25; University of Chicago, Summer of 1925; Principal Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor 1927—.

CHARLES J. HART Assistant Professor in Physical Education and Athletics

B. S., Utah Agricultural College, 1922; Graduate work, Utah Agricultural College 1923; University of Wisconsin, Summer of 1925; member Utah Agricultural College Extension Staff, 1922-23; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor 1927—.

GEORGE H. HANSEN Assistant Professor of Geology and Geography

B. S., Utah Agricultural College, 1918; M. S. George Washington University, 1925; Ph. D. George Washington University, 1927; Field work with U. S. Geological Survey summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Commercial work in West Texas, 1927; Assistant Professor of Geology and Geography, Brigham Young University, 1927—.

JOHN E. HAYES Registrar

B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.

ANNA OLLORTON Acting Librarian

A. B., Brigham Young University, 1913; Graduate work, University of Chicago, 1914-15; University of Utah, Summer of 1914; Chautauqua, New York

THE FACULTY

Summer School, 1919 and 1923; Assistant Librarian
Brigham Young University, 1918-23; Acting
Librarian, 1923—.

ANNIE L. GILLESPIE **Library Cataloguer**

Principal West School, Provo, 1883-84; Assistant
Librarian, Brigham Young University, 1906-11; Li-
brarian, 1912-23; Cataloguer, 1923—.

KIEFER B. SAULS **Secretary to the President,
Purchasing Agent**

B. S., Utah Agricultural College, 1920; Graduate
work, 1920-21; Secretary to Director, Utah Agricul-
tural Experiment Station, 1917-21; Secretary to
President and Purchasing Agent, Brigham Young
University, 1921—.

NETTIE NEFF SMART **Dean of Women**

Normal Diploma, Brigham Young University, 1898;
Student, Cornell University, 1907-09; Provo High
School, 1920-21; Provo City Schools, 1921-25; In-
structor, Brigham Young University Training School,
1904-05; Dean of Women, 1925—.

PERCIVAL P. BIGELOW **Instructor in Auto Mechanics**

Student, University of Michigan, Summer of 1922;
Brigham Young University Summers of 1923, 1924,
and 1925; Head Mechanic, Utah Packard Motor
Company, 1916; Foreman, Superior Motor Co.,
1917-18; Mechanic, Hudson Motor Car Company,
Detroit, 1919; Instructor in Auto Mechanics, Brig-
ham Young University, 1919—.

BERTHA ROBERTS **Instructor in Office Practice**

A. B., Brigham Young University, 1926; Student
Durango Business College, 1922; Instructor, Wasatch
High School, 1918-19; Instructor in Office Practice,
Brigham Young University, 1919—.

FRANKLIN Y. GATES **Instructor in Chemistry**

B. S., University, of Utah, 1919; Graduate work,
Harvard University, 1919-20; Instructor in Chemis-
try, Brigham Young University, 1922—.

NEWBERN I. BUTT **Library and Research Assistant**

B. S., Utah Agricultural College, 1915; Graduate
work, 1915-17; Assistant Agronomist, Utah Agricul-
tural College, 1915-18; Library and Research
Assistant, Brigham Young University, 1922—.

WILLIAM F. HANSON Instructor in Music

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Acting Head of Music Department, 1925-26, and Summer Sessions of 1925-26-27; Instructor in Music, 1926—.

ANNA EGBERT Instructor in English

B. S., Utah Agricultural College, 1921; Graduate work, Brigham Young University, Summers of 1922 and 1923; Columbia University, 1925-26; Instructor North Cache High School, 1922-23; Instructor in Dramatic Art, Brigham Young University, 1923-26; Instructor in English, 1926—.

WILMA JEPPSON Instructor in Physical Education for Women

B. S. Brigham Young University 1927; student University of California, Summer of 1921; University of Wisconsin, Summer of 1925; Instructor in Physical Education for Women, Brigham Young University, 1923—.

**A. REX JOHNSON Instructor in Office Practice
Manager Stenographic Bureau**

B. S., Brigham Young University, 1924; Student Washington School of Accounting, 1918-20; Graduate work, University of Washington, Summer of 1926; Instructor in Business, Provo High School, 1920-21; Fielding High School, 1921-22; Assistant in Office Practice, Brigham Young University, 1922-23; Instructor in Office Practice, 1924—.

MAUD DIXON MARKHAM Instructor in English

A. B., Brigham Young University, 1924; Graduate work, 1923-25; Instructor in English, Brigham Young University, 1924—.

MYRTIE JENSEN Instructor in English

B. S., Brigham Young University, 1924; Graduate work, University of Utah and Brigham Young University, Summers of 1924 and 1925; Instructor American Fork High School, 1924-25; Instructor in English, Brigham Young University, 1925—.

J. W. McALLISTER Instructor in Public School Music

A. B. Brigham Young University, 1927; Music Diplomas, Brigham Young University, 1914; American Conservatory of Music, Chicago, 1924; National Institute of Normal Methods, North Western University, 1925; Supervisor of Music, Tooele County Schools, 1914-17; Iron County, 1917-19; Provo City, 1919-23; Instructor in Public School Music, Brigham Young University, 1925—.

NATHAN L. WHETTEN Instructor in Spanish

A. B., Brigham Young University, 1926; Instructor in Spanish, Brigham Young University, 1926—.

ELSIE C. CARROLL Instructor in English

B. S., Brigham Young University, 1926; Student, Cornell University, 1914; University of Chicago, 1915; Stanford University, Summer of 1924; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Dean of Girls, Provo High School, 1922-26; Instructor in English, Brigham Young University, 1926—.

CLARENCE COTTAM Instructor in Biology and Entomology

A. B., Brigham Young University, 1926; M. A., Brigham Young University, 1927; instructor in Biology and Entomology, Brigham Young University, 1927—.

MAUD TUCKFIELD Instructor in Clothing and Textiles

Student Utah Agricultural College Four Years; University of Utah, summer 1920; Brigham Young University summer of 1923; University of Washington, summer of 1924; Instructor, Millard Academy, 1919; Murray High School, 1920-22; District Supervisor, Granite School District, 1922-23; Instructor, Brigham Young University, 1926—.

IONE PALFREYMAN Instructor in Home Economics

B. S., Brigham Young University, 1926; Instructor in Home Economics, Brigham Young University, 1926—.

STELLA P. RICH Instructor in English

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-1927;

Student, University of Illinois, Summer of 1925; Instructor, Brigham Young University, Summer of 1926; Instructor in English, Brigham Young University, 1927—.

**HUGH W. PETERSON Instructor in Mathematics
and Physical Science**

A. B., Brigham Young University, 1916; Graduate work, University of Utah, 1916-17; Utah Agricultural College, Summer of 1924; Brigham Young University, 1923, and Summer of 1927; Instructor in Science, Big Horn Academy, 1917-18; Latterday Saints University, 1918-20; Head of Science Department, Provo High School, 1920-27; Instructor in Physical Science and Mathematics, Brigham Young University, 1927—.

ANNA PAGE Instructor in Foods and Nutrition

B. S., Utah Agricultural College, 1922; M. S., Teachers College, Columbia University, 1926; Graduate work in Brigham Young University, Summer of 1923, and Utah Agricultural College, Summer of 1924; Instructor Duchesne County High School, 1922-23; Payson High School, 1923-25, 1926-27; Instructor, Brigham Young University, 1927—.

**EDGAR M. JENSEN Instructor in Educational
Administration**

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University, 1926-27; Head of Department of Education, Dixie College, 1919-1923; President Dixie College, 1923-26; Instructor, Brigham Young University, 1927—.

ELLA LARSEN BROWN Assistant Librarian

Student Cook County Normal School, 1891-92; Columbia University, 1905-06; Primary Supervisor, Utah County Schools, 1900-1902; Director Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

TRAINING SCHOOL FACULTY

C. LAVOIR JENSEN, Instructor in Secondary Training School.

HAZEL CLYDE, Instructor in Training School.

MARY C. HAMMOND, Instructor in Training School

EVA M. HANSEN, Instructor in Training School.

BARBARA MAUGHAN, Instructor in Training School.

NELL COSSGROVE, Instructor in Training School.

GLADYS KOTTER, Instructor in Training School.

GEORGIA MAESER, Instructor in Training School.

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.

RALPH E. BOOTH, Instructor in Violin.

HANNAH C. PACKARD, Special Instructor in Vocal Music.

GEORGE W. FITZROY, Special Instructor in Piano.

BESSIE E. GOURLEY, Assistant in Art, Extension.

GUSTAVE BUGGERT, Special Instructor in Violoncello.

THEORA J. WHETTEN, Special Instructor in Piano.

IONE H. HEATON, Special Instructor in Piano.

MARGUERITE JEPPERSON, Special Instructor in Piano.

BRIGHAM T. HIGGS, Superintendent Buildings and Campus.

J. W. SAULS, Associate Superintendent Buildings and Campus.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits.—M. O. Hayes, John E. Hayes.

Aiding Graduates to Obtain Employment.—K. B. Sauls.
The Deans.

Alumni Directory.—A. Rex Johnson.

Athletics.—E. L. Roberts, H. R. Merrill, J. Wm. Knight,
K. B. Sauls, President of Student Body, President of Alumni
Association, C. L. Jensen, Manager of Athletics.

Attendance and Scholarship.—Thos. C. Romney, E. M.
Rowe, Nettie N. Smart.

Awards and Prizes.—T. Earl Pardoe, LeRoy Robertson,
Clawson Y. Cannon.

Campus.—L. S. Morris, Walter P. Cottam, E. H. East-
mond, C. Y. Cannon.

Care of Girls and Women's Activities.—Dean of Women
Margaret H. Eastmond, Wilma Jeppson, Lydia Hasler Cand-
land, Elsie C. Carroll.

Catalogue and Other Quarterlies.—E. H. Holt, J. E. Hayes,
K. B. Sauls, N. I. Butt.

Debating.—A. C. Lambert, J. C. Swenson, Wm. J. Snow
Elmer Miller.

Eligibility.—Milton Marshall, B. F. Larsen, J. E. Hayes.

Graduate Work.—C. Jensen, H. M. Woodward, T. L. Mar-
tin.

Graduation.—B. F. Cummings, Joseph Sudweeks.

Lectures and Musicals.—J. C. Swenson, Herald R. Clark.

Library.—Alice L. Reynolds, G. H. Brimhall, M. W. Poul-
son, W. J. Snow, Librarian.

Petitions.—A. N. Merrill, C. E. Maw, V. M. Tanner, Regis-
trar.

Publicity.—H. R. Merrill, Lowry Nelson, E. H. Holt, K.
B. Sauls, E. L. Roberts, A. Rex Johnson, J. M. Jensen.

Schedule of Events.—K. B. Sauls.

Schedule of Classes.—E. H. Holt.

Social Affairs.—E. L. Roberts, Elmer Miller, Lowry
Nelson, C. J. Hart, Wilma Jeppson, Dean of Women.

Student Accommodations.—W. H. Snell, A. Rex Johnson,
Maude Dixon Markham, P. P. Biglow, Dean of Women.

Student Aid and Employment.—H. V. Hoyt, Dean of Wo-
men, Kiefer Sauls.

Student Publications.—Lowry Nelson, Alfred Osmond, E.
H. Eastmond, P. A. Christensen.

HISTORICAL

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter Day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter Day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its support, but in recent years an annual church appropriation has been the chief source of its financial support.

The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank. The upper story of the building had been used for an amusement hall.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, a building adjoining the railroad station at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

From the warehouse the school moved to a \$75,000 brick building erected chiefly on the credit of the Board of Trustees, with the exception of meeting the obligations through the sale of property owned by the school, but which as an asset proved inadequate. Following the death of Abraham O. Smoot, President of the Board, the Church assumed the indebtedness and paid for the building. This building is known as the Education building.

To the Education building was added the College building, the upper story of which is an assembly room known as College Hall. The College building was the gift of ten persons, whose names are found upon a marble tablet in a hall of the building. It was equipped by the alumni, friends, and the faculty.

The needs of the Training School were provided for by the erection of a three-story building, the upper story of which is used for a men's gymnasium. The cost of the structure was \$35,000, contributed by friends, chief among whom was "Uncle" Jesse Knight.

The Art building came to the institution by general subscription from the five stakes comprising at that time this academic district.

The Alumni Association, in honor of the father of the faculties, presented the institution with the Maeser Memorial. The cost of the building was \$112,000. The heating plant and furnishings were supplied by the Church.

The Iron Work building was erected and furnished by contributions.

The Women's Gymnasium, which is also a recreation building, was paid for by funds realized from judicious investments of the Board, and by Church appropriations. The building cost \$35,000.

The Mechanic Arts building came to the school through Church appropriations, as also did the new Heber J. Grant Library building on University Hill.

The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods. Here the trees which have grown into groves, the lawns, the flowers, and the shrubbery were planted by the students and the faculty. The construction of paved walks was a joint effort of students and patrons. Among the patrons, the Jex family and Lafayette Holbrook deserve special mention.

Then came the purchase of University Hill. As early as 1904 steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. The remaining area comprising the present campus of fifty-seven acres, was purchased by the University.

The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton H. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr Franklin Stewart Harris was appointed president, taking office July 1, 1921.

On February 11, 1909, by an action of the general Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

The first credential granted by the institution was a teacher's certificate given on the completion of one years normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work.

For a brief period the Bachelor of Arts degree was issued for three years' work, but later standard college requirements were met, calling for four years' college work. Master degrees have been authorized since 1918.

The student body has beautified the grounds, dug sewer trenches, cleared forty acres of sage brush land,

fenced the campus, built the track, erected the grandstand, equipped the Men's gymnasium, purchased the point of University Hill, put the "Y" on the mountain side, paid for five acres of campus extension and contributed generously towards the construction of a new stadium. It has also added many hundreds of volumes to the library.

Five of the ten persons who contributed to the erection of the College building are members of the Alumni Association, as also are many of the purchasers of the tableted chairs in College Hall. The great feat, however, of the Alumni Association was the building of the Maeser Memorial.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established.

During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

October 17, 1921, a fund was established by the Relief Society of the Church in honor of Emeline B. Wells to be lent to worthy women of the upper college classes who need financial help in order to complete a college course.

January 25, 1922, a College of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Drafting, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork.

On April 21, 1925, a College of Fine Arts was established to include the departments of Art, Music, and Public Speaking and Dramatic Art.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. A College of Applied Science.
2. A College of Arts and Sciences.
3. A College of Commerce and Business Administration.
4. A College of Education.
5. A College of Fine Arts.
6. An Extension Division.
7. A Research Division.

An Elementary Training School and a Secondary Training School are maintained in connection with the College of Education. Vocational Courses are offered in the Secondary Training School for mature persons not ready for college work.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration.

Agronomy.

Animal Husbandry.

Art.

Botany.

Chemistry.

Clothing and Textiles.

Drafting.

Economics.

Educational Administration.

Elementary Teaching.

English.

Finance and Banking.

Foods and Nutrition.

Geology and Geography.

History.

Horticulture.

Household Administration.

Library.
 Mathematics.
 Mechanic Arts.
 Modern and Classical Languages.
 Music.
 Office Practice.
 Physical Education.
 Physics.
 Political Science.
 Philosophy of Education.
 Psychology.
 Public Speaking and Dramatic Art.
 Secondary Teaching.
 Sociology.
 Theology. —————
 Zoology and Entomology.

ARTS COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music. During the last few years the tendency has been shifted to artists. Because of this the name has been changed from Lyceum to Arts Course.

During the past year the following appeared on the course:

Portia Mansfield Dancers; Forest Lamont—Chicago Opera Company; Dr. Arthur W. Evans; Edmund Evans Players; Lew Sarrett; Hans Kindler — cellist; Cecil Arden—Metropolitan Opera; May Peterson—Metropolitan Opera; Cherniavsky Trio.

STUDENT BODY

General Organization.—This organization is composed of all students who attend Brigham Young Univ-

ersity and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a bigger, better, and more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students.—This is an organization comprising all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

Block "Y" Club.—An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportmanship, and to meet visiting teams of athletes or debaters, and help to encourage friendly relations with sister institutions.

"B. Y. Ser" Club.—An organization of all students interested in forensic and parliamentary procedure. It gives its members both theory and practice in presiding and debating.

STUDENT BODY PRIZES AND AWARDS

The Jex Gold Medal is awarded annually for the best patriotic oration. This medal is presented by the

Jex family.

The Kirkham Medal, a gift of Francis W. Kirkham, to those who win their inter-collegiate debates.

The Dixon Silver Cup, is presented for the best extemporaneous speech. It is given annually by Mr. Rulon Dixon.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, clubs and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

DEPARTMENTAL

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club.—This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded prac-

tically and scientifically in the agricultural work of the state. Meetings are held every alternate Wednesday afternoon. Social functions in conjunction with the Foods and Nutrition department are featured during the year.

Art Club.—This organization is for the benefit of students having special talent in any particular phase of fine and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists and of craftsmen's work are held under the auspices of this organization.

Drama League.—The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs.—Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. The clubs are in the fullest sense student organizations. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privilege is especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Home Economics Club.—This club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fost-

ered. All girls registered in Home Economics courses are eligible for membership.

Gamma Phi Omicron.—(Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Literary Club.—The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

Music Society.—This society meets conjointly with the Drama League and alternately furnishes programs of varied musical importance. Leading musicians of the state will augment local talent in producing some of the world's greatest music. Membership in this society entitles admittance to all Drama League activities.

Young Commerce Club.—This club is a student organization devoted to the development of good fellowship among the business students. Luncheons and programs are given at regular intervals during the school year at which prominent business and professional men of the inter-mountain country are the principal speakers. All students of the College of Commerce and Business Administration are eligible for membership.

Alpha Delta.—(Commerce). The purpose of this society is to foster studies in commerce, encourage scholarship and closer association between members and the commercial world. Male College of Commerce students above freshman standing are eligible for membership.

“Y” Typist Club.—This club is organized to encourage students to become more proficient typists. To become eligible the student must pass three ten-minute speed tests with an average of 55 words net per minute. Opportunity will be given the members to hear talks on the relationship of the typist to the business world.

Young Education Association (Y. E. A.)—An organization of all students working for the two-year normal diploma. Its purpose is to foster fellowship and sociability among its members, and to encourage their educational life by bringing in prominent educational speakers.

Y. D. D. Club.—(Missionary) An organization of all students who have done regular missionary work. Its purpose is to perpetuate the missionary spirit, and to foster spiritual endeavors among the students.

Psychology Club.—An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Graduate Club.—This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization “shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University.” A student becomes a member automatically upon registration in the graduate division.

GEOGRAPHICAL

Geographical clubs have been organized for the furthering of social enjoyment and the establishing of

bonds of sympathy between the school and home. For the year 1926-27 the following clubs functioned:

Alpine, Arizona, Castle Valley, Dixie, Idaho, Juab, Millard, Payson, Sanpete County, Sevier, Spanish Fork, Uintah Basin, Ute-Eskie, Wasatch.

NATIONAL FRATERNITIES

Theta Alpha Phi.—National professional dramatic fraternity—co-educational.

Tau Kappa Alpha.—Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization.—The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty member.

Faculty Fine Arts Club.—This club is organized to develop and maintain a closer co-operation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

Faculty Science Club.—The purpose of this organization is to stimulate scientific research. Opportunity is afforded the faculty to hear papers dealing with problems of interest in the various fields of science.

SCHOLARSHIPS

Maria Y. Dougall Scholarship.—A scholarship for girls, representing \$30.00 awarded annually on the recommendation of Mrs. Maria Y. Dougall of Salt Lake City.

Eliza A. Woolacott Scholarship.—A scholarship for girls, representing \$30.00 awarded annually through the recommendation of President Emeritus G. H. Brimhall.

Whitmore Scholarship.—G. M. Whitmore of Nephi, gives an annual scholarship of \$100.00 for the First National Bank of Nephi, to some worthy student selected by the College of Commerce faculty. In awarding this scholarship preference is given to applicants from Nephi, Levan and Fountain Green.

McDonald Scholarship.—J.G.McDonald of Salt Lake, gives an annual scholarship of \$100.00 for the McDonald Chocolate Company, to some worthy student selected by the College of Commerce faculty.

Firmage Scholarship.—This scholarship is given by J. L. Firmage of the Firmage chain of J. C. Penney Stores and manager of the J. C. Penney store of American Fork. The award consists of \$100.00 to be given to some worthy student selected by the College of Commerce faculty. In awarding this scholarship preference is to be given applicants from the Alpine School District.

Firmage Band Scholarships.—For the encouragement of worthy students interested in band music.

J. L. Firmage has established, also, two band scholarships of \$50.00 each.

Beck Band Scholarship.—To assist worthy students in the line of band music, Dr. J. Karl Beck of Provo has established an annual scholarship of \$50.00.

Allred Orchestra-Band Scholarship.—Dr. T. Warren Allred of Nephi, Utah, gives an annual scholarship of \$50.00 for exceptional service rendered the band and orchestra.

Annual Commercial Contest Scholarships.—Two scholarships are awarded to the winners of the shorthand and typewriting events in the Commercial contest held at the University each year for high school students.

PRIZES AND AWARDS

The Oscar B. Young Prize.—An award of \$50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life**. The adjudication is under the supervision of the department of Sociology.

The Talmage Prize.—Dr. James E. Talmage offers a cash prize of twenty-five dollars to the student who writes the best essay on some religious topic.

Provo Chamber of Commerce Medal.—The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal.—Mrs. Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal.—Mr. and Mrs. Walter Adams present annually a gold medal to the student

who renders best two selected compositions on any stringed instrument other than the piano. One selection is to be by an American composer, the other by a recognized artist.

The Taylor Gold Medal.—Mr. Lester R. Taylor presents annually a gold medal to the student who renders best a piano selection, the composition to be by a recognized artist.

The Pardoe Gold Medal.—Professor and Mrs. T. Earl Pardoe present annually a gold medal to the student rendering the best selection on any wind instrument. One selection is to be by an American composer, the other by a recognized artist.

The Woolley Gold Medal.—Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Anderberg Gold Medal.—Anderberg, Inc., offers annually a gold medal for the most efficient athlete. Efficiency is based upon participation in athletics, scholarship, and social activity.

The Noble Medal.—A gold medal presented each year to the most efficient student enrolled in the department of Home Economics. The donor, Mrs. Hazel Nora Noble Boyack, stipulates that the award be given to a girl in the senior college.

The R. R. Irvine Gold Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Sophomore Class, 1921, Gold Medal is awarded annually for excellence in vocal art.

The Provo Drama Center, Mask Award.—A prize of twenty-five dollars is given each year to the best one-act play of merit, on a Western or pioneer theme.

Alpha Delta Ring.—The Alpha Delta organization awards annually a ring to the most scholarly student of the College and Commerce, above the freshman year, during the autumn and winter quarters.

Provo Rotary Club Gold Medal—A gold medal awarded to the winner of an ortalical contest on some subject of international good will.

ACCOMMODATIONS

The university emphasizes the value of home life and the people of Provo have shown great educational patriotism in providing for the comfort and convenience of students. The standing faculty committee on student accommodations about two weeks before the opening of school will prepare a list of available lodging places. The boarding houses are inspected to see that accommodations are satisfactory. The University insists that boys and girls be housed separately. If students desiring accommodations will call on the committee when they arrive in Provo they will be directed to the kind of place they wish.

The price of accommodations at private homes varies as it does at hotels and rooming houses, the rate depending upon what the student wants and his willingness to pay.

Provo is a city of modern homes. Its sidewalks and business centers are paved and no one need fear a lack of accommodations within easy access of the University.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or association are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his university office during scheduled office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious disease, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for materials used.

DEAN OF WOMEN

The Dean of women is charged with the general

oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

LIBRARY

The University Library contains about 50,000 volumes and 45,000 pamphlets and bulletins. Besides being a Government Depository, it is regularly supplied with public documents from many of the states, and the publications of the Carnegie Peace Foundation, the Carnegie Institution of Washington, and many other technical organizations. It maintains its own book bindery.

The Library is open each school day during the regular school year from 8 a. m. till 10 p. m.; on Saturday from 10 a. m. till 4 p. m.; and during the summer session from 7:30 a. m., till 8 p. m.

GENERAL REQUIREMENTS FOR UNDER-GRADUATE WORK.

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. He must offer among his credits the following:

- English ----- 3 units.
- A principal group ----- 3 or more units.
- A secondary group ----- 2 or more units.

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. If the principal group is from Mathematics and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work,

but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements, but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

- (a) Lower Division.
- (b) Upper Division.

Lower Divisions courses are numbered in the catalogue from "1" to "49", Upper Division courses from "50" to "99". Graduate courses are given numbers above "100". Graduate credit may be given for certain upper division courses. Such courses are indicated by an asterisk.

ELECTION OF STUDIES

The student, in electing his studies should with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirements for graduation should be kept in mind in electing studies. Physical Education 11, 12 and 13 are required of Freshmen, except that in the College of Education Freshmen may take Physical Education 21 and 22 instead of 11 and 12. Sixteen hours of credit a quarter is the maximum amount of work to be elected. Permission to register for additional work can be secured through petition only.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-four hours credit and fewer than ninety at the beginning of the school year, will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year, will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year, will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

A condition in any course of study must be removed during the next quarter of residence, provided the next quarter of residence is not longer than one year after such condition is incurred; otherwise the course must be retaken in class or a special examination taken, if credit is desired.

A fee of \$2.50 per credit hour is charged for all special examinations.

GRADUATION

GENERAL REQUIREMENTS

Before a student can be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered.

At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

At least sixty hours of upper division work must be offered by students applying for graduation.

The number of hours of credit designated by "A" and "B" grades presented by each candidate shall at least equal the number of hours designated by a "D" grade.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for gradua-

tion at the close of the Summer School and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation. A candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements for graduation and to pass on candidates.

BACHELOR DEGREES

University Requirements.—To obtain a Bachelor's Degree, each candidate must meet the general requirements with respect to registration, residence, and scholarship and must also secure credit in approved courses amounting to one hundred eighty-six hours of college work.

Prescribed Courses.—Each candidate must furnish credit in English 1, 2, and 3, and Physical Education 11, 12, and 13 or the equivalent. The candidate for the Bachelor of Arts degree must have at least 24 hours credit in a foreign language.

Group Requirements.—The group requirements shall be as follows:

- a. Mathematics and Physical Science. (Astronomy, Chemistry, Geology, Geography Mathematics, Physics)—15 hours.
- b. Biological Science. (Botany, Physiology, Health Work, Zoology and Entomology)—10 hours.
- c. Social Science. (History, Political Science, Sociology, Economics, Psychology) — 15 hours.

- d. English, 15 hours, including English 1, 2, and 3.
- e. Each dean may require a student to register for 15 additional hours of work, the course to be selected by the dean according to the needs of the respective students.

Major Requirements.—Not later than the beginning of his junior year a student should have selected some department in which he plans to do his major work. At the time of graduation he must have completed not fewer than thirty hours of work in this department, which must meet the conditions prescribed by the major professor.

Minor Requirements.—Each candidate must present twenty hours in one or more subjects chosen with due regard to the student's program of work and approved by the dean as collateral or minor work.

GRADUATE DIVISION

Character of Graduate Work—The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration.—The registration of all students taking work for an advanced degree is to be made through the Committee on Graduate Work.

Students holding a Bachelor's Degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If at the end of any quarter of the senior year a student has so far completed the requirements for the Bachelor's Degree that the course of study for the

next quarter is not complete he may register, with the consent of the Committee on Graduate Work, for sufficient graduate work to complete his program.

Admission to graduate courses is granted only to those who have had the requisite undergraduate work in those courses or departments. In order adequately to determine this fact a student should file with the Committee on Graduate Work an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Committee on Graduate Work for approval. Changes in registration can only be made with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such course. In all such instances there must be a clear understanding that such graduate credit is to be applied towards a master's degree.

Graduate students who are specializing in Education will be under the direction of the Supervisor of Graduate Work in Education. Other graduate students will be under the supervision of the major professor of the department in which they are majoring.

Admission to Candidacy.—Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more, whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications

for admission to candidacy for a higher degree should be made to the Committee on Graduate Work.

Repuirements for the Master's Degree.—Two Master Degrees are offered: Master of Arts, (M.A.) provided the bachelor degree was A.B.; and Master of Science (M.S.), provided the bachelor degree was B.S. A student may be admitted to candidacy upon the completion of the following requirements: (a) the candidate must after securing a Bachelor's Degree, furnish 48 hours of graduate credit, 32 hours of which must be in residence, in addition to 183 hours of college credit, and 15 units of high school credit. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The thesis must be accepted by the head of the major department and two other persons selected by him, and must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination given by an examining committee, which shall consist of seven members including the three members of the graduate committee, the major professor, the dean of the college in which the major department is, the remaining members to be selected by the committee on graduate work.

At least one member of this committee shall be present and preside at any examination given for a higher degree. The candidate shall furnish complete copies of his thesis to his majar professor and to the chairman of the Committee on Graduate Work within five days of the final examination. (d) A bound type-written or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the chairman of the Committee on Graduate Work a receipt to this effect from the Librarian. (e) Courses not listed as graduate work may not be used for a higher degree without the con-

sent of the head of the department concerned and the Committee on Graduate Work. A candidate for a Master's Degree must secure a grade of "B" or above in three fourths of his graduate work. No grade below "C" will count toward a Master's Degree. An applicant for this degree must furnish at least one-half of his graduate credit in his major department. The rest of the credit for this degree may be offered in one or two minor departments closely related to the major department unless the Committee on Graduate Work permits a different arrangement of program.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor:

Graduation with Honor, and Graduation with High Honor.

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the

number of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½", and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors.—The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors), and the five junior college students (freshmen and sophomores) who have received the highest grades in class work during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for

capable leadership and efficient service in their chosen lines.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Foods and Nutrition, Clothing and Textiles, Household Administration, Drafting, Mechanic Arts.

The work offered will be of standard collegiate grade and upon completion of the required amount of study in fundamental subjects, specialized courses, and related work a student may be granted the degree of Bachelor of Science or Bachelor of Arts.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, or law; or who desire to train for religious, political, or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

Students may select their majors from any of the following departments in the College of Arts and Sciences: Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physical Education, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees Bachelor of Arts and Bachelor of Science are given to graduates of this College.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

The purpose of the College of Commerce and Business Administration is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions for efficiency in office administration and for the demands of the industrial and financial world. The degrees Bachelor of Science and Bachelor of Arts are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Economics, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The department of academic instruction and the training schools.

The following departments are at present organized: Elementary Teaching, Philosophy of Education, Psychology, Educational Administration, Secondary Teaching.

In addition to the foregoing departments for majors and minors in the College of Education, students of this College may take a teaching major of thirty quarter hours in any department of the University, provided they take at least thirty-six hours in professional educational subjects, nine hours of which may be in

such allied subjects as Sociology, Ethics, Civics, Logic, and Health Education.

Training Schools.—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for elementary school work; Second, a secondary training school, which offers training in the six years of high school, and gives ample opportunity for practice teaching to advanced students.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

RECOMMENDED COURSE SEQUENCES

Students Majoring in Elementary Teaching

1. Regular freshmen and sophomore courses leading to the normal diploma.

2. Psychology 74, Psychology 75, Elementary Teaching 60 in Junior year.

3. Elementary Teaching 61, 62, 63, Educational Administration 75 and 80 in senior year.

Students Majoring in Secondary Teaching

1. In freshmen and sophomore years a teaching major should be planned and the following courses taken: Philosophy of Education 36 and Psychology 11.

2. Psychology 74, 75, or 77, Secondary Teaching 81 Educational Administration 46, 73, Philosophy of Education 87, or other electives in Secondary Teaching in junior year.

3. Secondary Teaching 51, 52, 53, 54 and electives in Secondary Teaching in senior year.

Students Majoring in Educational Administration

1. In freshman and sophomore years regular

group requirements should be taken with Philosophy of Education 36, Psychology 11, and Elementary Teaching 5. It is better to take a regular teaching course and have teaching experience before majoring in Educational Administration.

2. Educational Administration 73, 60, 61, 62, 63 79, Psychology 74, 75, in junior year.

3. Educational Administration 75, 80, 111, 112 in senior year.

Students Majoring in Philosophy of Education

1. In freshman and sophomore years regular group requirements should be taken with Philosophy of Education 36.

2. In the junior year, Psychology 74, 75, Philosophy of Education 81, 86, 84, 74, and 72.

3. In the senior year, Philosophy of Education 85, 87, 88, 89, 92, 96.

Special Teaching Courses

Elementary teachers are expected to take a two-year course, leading to the normal diploma which is granted to students registered in the College of Education, who complete two years of college work including English 1, 2, and 3, and the following technical courses in teaching: Elementary Teaching 1, four hours; Psychology 21, four hours; Zoology 20, three hours; Elementary Teaching 12 and 13, eight hours; either Elementary Teaching 6 and 7, 8 and 9, or 10 and 11, six hours; Elementary Teaching 16, twelve hours; Physical Education, three hours; Elementary Teaching 5, three hours, and enough electives to make a total of forty hours in education.

The proper sequence for these courses is as follows:

Freshman year, Elementary Teaching 1, Psychology 21, Zoology 20, Elementary Teaching 12, 13; English 1, 2, 3; Physical Education.

Sophomore year, Methods, Elementary Teaching 16, Elementary Teaching 5.

This diploma is an endorsement of the student's fitness to teach in the elementary schools and will enable the student to secure a first class certificate from the state. Because of the size of the training school only a limited number of students can receive training each year.

Junior high school teachers are expected to complete three years of college work including the same special requirements made of senior high school teachers.

Senior high school teachers are expected to complete a teaching major of 30 hours in one of the departments of the university and the following technical work in education, or its equivalent.

Zoology 20 (Health Education), Sociology and Ethics, 5 hours; Economics and Political Science 5 hours; Philosophy of Education 81 (Science of Education); upper division Educational Psychology, 5 hours; Secondary Teaching 51, (Methods); Secondary Teaching 52 and 53, (Organization and Administration); Secondary Teaching 54 (Training); and electives in education to make 27 hours in professional educational courses.

Such a course will qualify the student for a Utah State Professional High School Certificate.

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of the fine arts.

At present the following departments are fully organized: Art, Public Speaking and Dramatic Art, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

EXTENSION DIVISION

It is estimated that only one citizen out of every hundred has the opportunity of attending college, yet it is assumed to be the privilege in a democracy of citizens to have equal opportunities. To make it possible for as many as desire to take advantage of the education facilities of the state and church, the Extension Division has been created. Regular academic courses are given by correspondence and by the extension class method. In addition, popular courses are provided which may be chosen by those who have not had the necessary preliminary training to pursue courses leading to a degree. It is also the ambition of the Extension Division to furnish specialist assistance in social and recreational leadership, teacher training, and general community leadership.

FEES

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn Quarter ----- \$70.00

Registration fee for less than the full year, \$25.00 the quarter.

Withdrawal deposit ----- \$1.00.

Student Activity Fee ----- \$10.00.

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year ----- \$30.00

Activity Fee ----- \$7.50

Junior High School—7th, 8th, 9th grades \$15.00

Activity Fee ----- \$2.50

Elementary Training School—1st to 6th grades, \$10.00 the year.

Special Fees:

Late Registration—after first week of each quarter ----- \$2.00.

Elementary or Secondary Training ----- \$5.00

Special Students—eight credit hours or less, \$2.50 for each hour.

Special Examinations, for each hour ----- \$2.50.

Graduation, ----- Degree \$10.00
Diploma \$ 5.00.

Special fees are charged for private instruction in Vocal and Instrumental Music, Dramatic Art, and China Painting.

No laboratory fees are charged. Breakage deposits, however, are required in the departments of Chemistry and Mechanic Arts.

Courses of Instruction

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Hoyt, Eastmond, Poulson, Eyring; Associate Professors Miller, Hayes, Clark, Marshall.

Boyle; Mr. Johnson, Mr. Jensen.

Lower Division Courses.

1. Elementary Accounting.—Function of accounts; profit and loss statement; book of original entry; controlling accounts; accounts peculiar to single proprietorships, partnerships, and corporations. Autumn. Daily (two consecutive hours) 2:30-4:30. Three hours credit. Clark and Boyle.

2. Elementary Accounting.—Continuation of Course 1. Winter. Daily, 2:30-4:30. Three hours credit. Clark and Boyle.

3. Elementary Accounting. — Continuation of Course 2. Spring. Daily, 2:30-4:30. Three hours credit. Clark and Boyle.

4. Intermediate Accounting.—Primarily a study of corporation accounting with special emphasis placed on problems of depreciation, bases or revaluation, inventorying etc. Open to students who have had Accounting 1, 2, and 3, or the equivalent. Autumn. Daily, 10:30. Four hours credit. Clark and Boyle.

5. Intermediate Accounting. — Continuation of Course 4, Winter, Daily, 10:30. Four hours credit. Clark and Boyle.

6. Intermediate Accounting. — Continuation of Course 5. Spring. Daily, 10:30. Four hours credit. Clark and Boyle.

14. Commercial Art.—Show card writing; poster

art; advertising arrangement. Psychology of line, form and color. Autumn. One or two hours credit. Jensen.

15. **Commercial Art.**—Continuation of course 14. Recitation and laboratory work. Winter. One or two hours credit. Jensen.

16. **Commercial Art.**—Continuation of course 15. Recitation and laboratory work. Spring. One or two hours credit. Jensen.

18. **Process Illustration.**—Methods of drawing and painting for illustration. Drawing of the various process methods for modern engraving. Practical illustration. Prerequisite, Art 7 and 14. Winter. Two hours credit. Eastmond.

21. **Personal Efficiency.**—The purpose of this course is to train the student at the beginning of his college course to apply the fundamental principles of efficiency to his own life's work and also to give the student a mental picture of processes which inspire individuals to achieve the desirable things of life. A study will be made of the ideals and motives which stimulate action and development. The student will be given instruction in the proper distribution and utilization of his time and energies together with practice in scheduling, planning, and standardizing his work and time. Autumn. T. Th. 1:30. Two hours credit. Hoyt.

22. **Marketing and Advertising.**—A study of the fundamental principles of marketing and advertising of raw and manufactured products, the object being to familiarize the student in general with fundamental principles of marketing and advertising. Designed to prepare the student for the advertising or merchandising field. Autumn. M. W. F., 10:30. Three hours credit. Hoyt and Boyle.

24. Advertising and Salesmanship.—Primarily a continuation of Course 22, dealing principally with salesmanship and advertising. Winter, M. W. F., 10:30. Three hours credit. Hoyt and Boyle.

25. Marketing Problems.—Primarily a continuation of Course 22, dealing principally with practical marketing problems and market analysis. The object is to develop the student's ability to analyze and solve problems which confront sales managers and advertising agencies. Spring, M. W. F., 10:30. Three hours credit. Hoyt and Boyle.

30. Commercial Geography.—See Geography 30. Hayes.

38. Office Management.—See Office Practice 38. Johnson.

44, 45, 46. Agricultural Economics and Marketing.—See Agronomy 44, 45, 46. Martin.

Upper Division Courses

***50. Elementary Cost Accounting.**—The purpose of this course is to familiarize the student with the fundamental principles of cost accounting, including a study of the various methods of accounting for overhead, labor, and material. A study is made of the application of uniform cost systems, together with the requirements in the way of costs for various kinds of industries. Students are advised to take course 61 with this course. Courses 4, 5, and 6 in this department are prerequisites. Autumn, 1:30. Four hours credit. Hoyt.

***51. Advanced Cost Accounting.**—This course is a continuation of course 50. Considerable individual field work will be required, together with designing of cost systems for various types of industries. Winter. 1:30. Four hours credit. Hoyt.

***52. Accounting Systems.**—This course is designed to prepare the student for entering the field of industrial or efficiency engineering as installers of accounting systems or as executives for industrial concerns. Students will be required to do a large amount of individual field work and actually design cost accounting and bookkeeping systems suitable for manufacturers and business concerns. Course 51 is a prerequisite. Spring, 1:30. Four hours credit. Hoyt.

***53. Auditing and Federal Tax Procedure.**—This course has for its object the training of students who desire to become either public accountants or chief accountants for large corporations. Emphasis will be laid on the principles and practices involved in public accounting work. Ample opportunity will be afforded for the student to get practical experience by auditing the books and federal tax returns of various business concerns of Utah. Courses 4, 5, and 6 are prerequisites. Autumn. M. W. F., 8:30. Three hours credit. Hoyt.

***54. Auditing and Federal Tax Procedure.**—Continuation of course 53. Winter, M. W. F., 8:30. Three hours credit. Hoyt.

***55. Accounting Problems.**—This course is designed to familiarize students with the solution of advanced accounting problems. Emphasis will be laid on American Institute of Accountants' Examination problems. Courses 53 and 54 prerequisites. Spring, M. W. F., 8:30. Three hours credit. Hoyt.

56. Mathematical Theory of Investments.—This course deals with the application of Mathematics 13 to general business problems, annuities, amortization, capitalization, building and loan associations, depreciation, sinking fund, and bond values. It is designed particularly for those who are intending to enter the field of accounting and business administration. This course should precede or be taken along with Account-

ing and Business Administration 55. Spring, M. W. F., 10:30. Three hours credit. Marshall.

58. **Psychology of Advertising.**—See Psychology 58. Poulson.

59. **Psychology of Salesmanship and Vocations.**—See Psychology 59. Poulson.

61. **Industrial Management.**—The purpose of this course is to familiarize students with the more recent trends in management policies and practices as used by executives. A general study is made of industrial problems—factory layouts, plan of work, production control, administration policies, etc. A survey of local state industries, and possibilities for their expansion and development will be made. Autumn. 1:30. Three hours credit. Miller.

62. **Personnel Management.**—A study of modern practices and development in the scientific adjustment of the relations of the employer and the employee. This course places emphasis on the right human relations in industry. Such problems as labor supply, labor turnover, promotion policy, trade tests, job analysis, etc. are studied. The significance to management of scientific labor control will be stressed. Winter. 1:30. Three hours credit. Miller.

74. **Graphical and Statistical Methods.**—The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc. Spring 9:30. M. W. F. Three hours credit. Eyring.

*75. **Business Statistics.**—This course deals with the fundamental principles of statistics and statistical indices and units. Students will be aided in making an investigation in some chosen field with a view of determining how far statistics may be used for foretelling general business conditions, as well as condi-

tions which affect agricultural and other important industries. The object is to acquaint the students with the various primary statistics which are indices to future conditions. Spring, T Th., 2:30. Two hours credit. Hoyt.

81, 82, 83. Commercial Art and Illustration.—Poster designing and lettering. Systems of lettering. Sign writing in various mediums. Historic alphabets. Prerequisites, Accounting and Business Administration, 14, 15, 16. Autumn, Winter, Spring, M. W. F., 1:30. Two hours credit. Eastmond. (Not given this year.)

Graduate Courses

101-102-103. Research in Marketing and Advertising.—These courses are designed to afford work of an advanced nature to those students who have had sufficient preparation, and who are desirous of specializing and gaining greater familiarity with marketing and advertising problems. Ample opportunity will be afforded students to get some practical experience by working out the problems of some representative business firms. Hours and credit to be arranged to suit the individual needs of the student. Hoyt.

110-111-112. Research in Accounting.—The purpose of this course is to afford students an opportunity to intensify in the field of accounting with a view of preparing for C. P. A. examinations. The work will laid out and supervised in such a way that the student will be able to make the most out of his time and application. Hours and credit to be arranged to suit the individual needs of the student. Hoyt.

AGRONOMY

Professor Martin; Associate Professor Nelson; Assistant Professor Hart.

Lower Division Courses

21. Root Crops.—Sugar beets and potatoes receive special emphasis. Seed selection, testing, discussion of experiment station results, etc. Autumn. M. W. F., 10:30. Laboratory period, 1:30-4:30 M. four hours credit. Martin.

22. Cereal Crops.—Selecting, grading, judging, and methods of production are studied. Special emphasis will be placed upon a review of the results obtained at the various experiment stations throughout the world, the aim being to gain, not only theoretical material but much practical information obtained at great cost by the scientific investigators. Winter. M. W. F., 10:30. Laboratory period 1:30-4:30, M. Four hours credit. Martin.

23. Forage Crops.—History, cultivation, experiment station results, etc. Spring. Lectures M. W. F., 10:30. Laboratory period 1:30-4:30, M. Four hours credit. Martin.

44. Agricultural Economics and Marketing.—Emphasis will be placed on the marketing of agricultural products. A course intended to meet the needs of the agricultural men of the state for more efficient marketing of agricultural produce. Autumn. 8:30. Two hours credit. Hart.

45. Agricultural Economics and Marketing.—A continuation of course 44. Winter. 8:30. Two hours credit. Hart.

46. Agricultural Economics and Marketing.—A continuation of course 45. Spring. 8:30. Two hours credit. Hart.

Upper Division Courses

51. Soil Physics and Geology.—This course deals with the physical and chemical composition of soils, soil formation processes, classification of soils, soil colloids, chemical and physical properties of soil, dry farm, irrigation, and drainage problems. Autumn. M. W. F., 8:30. Laboratory period M. 1:30-4:30. Three or four hours credit. Martin.

52. Soil Fertility.—This course deals especially with availability of soil nutrients, alkali soils, soil organisms, farm manures, green manures and crop rotation. Winter, M. W. F., 8:30. Laboratory period. M. 1:30-4:30 (prerequisite for laboratory, Chemistry 6.) Three of four hours credit. Martin.

53. Soil Survey and Management. A study of the meaning and methods of soil surveys. Plane table work, soil judging, crop adaptations, and cultural practices on various soil types receive attention. Spring. M., 9:30. Laboratory periods T. Th., 1:30-4:30. Three hours credit. Martin.

61. Farm Management.—This course takes up the general consideration of farm management, types of farming, organization of farm business, soil management factors, sources of profit and loss, farm management surveys, etc. It is suggested that the following courses precede the courses in farm management: Economics 11, 12; Horticulture 1, 2; Animal Husbandry 2, 21; Agronomy 21, 22, and 23. Winter 8:30. Three hours credit. Hart.

62. Farm Management.—A continuation of course 61. Spring. 8:30. Three hours credit. Hart.

81. Rural Sociology.—(See Sociology 53). Autumn. Three hours credit. Nelson.

Graduate Courses

101. Higher Bacteria.—A morphologic physiologic and identification study of molds and actinomycetes. Special emphasis on soil forms and their relationship to organic matter decomposition. Yeasts will also receive consideration. Autumn. Laboratory period W. F. 1:30-4:30. Three hours credit. Martin.

102a. Soil Bacteriology.—Prerequisite. Botany 21 and Agronomy 52. A lecture course designed to acquaint the student with bacteria in relation to soil fertility. A study will be made of ammonification, nitrification, nitrogen fixation, relationships existing between factors influencing that relationship. Spring. M. W. F., 8:30. Three hours credit. Martin.

102b. Soil Bacteriology.—A laboratory course to accompany course 102a. It will consist of a study of methods used in bacteriology in investigation. Prerequisites, Botany 21 and Chemistry 6. Spring. W. F., 1:30-4:30. Two hours credit. Martin.

103. Seminar.—Current agronomic literature, agricultural problems. Assigned topics will be discussed in the form of a round table discussion. Required of all seniors and graduate students in agronomy. One hour credit for the year. Martin, Hart, and Nelson.

104. Research.—Open to properly qualified graduate students. Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin, Hart, and Nelson.

105. Advanced Laboratory in Soil.—Chemical bacteriological and other special laboratory work. Hours, time and subject matter to be arranged. Time and credit to be arranged. Martin.

106. Course for Agricultural Specialists.—A

course designed to meet the needs of students who are preparing for specialist positions under government control. Topics such as nature and cure of soil ills, soil fertility and plant disease, grading, certification and judging of field crops, insect pests of Utah, quarantine and inspection, rodent and bird problems, insecticides dispersal and control of weeds identification and control of plant diseases in Utah, preparation and use of spray calenders etc. The departments of botany, zoology and entomology, and horticulture will cooperate with this department in the teaching of this course. One lecture per week throughout the year. Three hours credit. Martin.

ANIMAL HUSBANDRY

Professor Cannon

Lower Division Courses

1. **Elementary Stock Judging.**—This course consists of a study of the market types and classes of live stock. Field trips will be made to the various farms of the county where practice in scoring and judging of animals will be done. Autumn. 1:30-4:30. M. W. F. Three periods of three hours a week. Three hours credit.

2. **History of Breeds.**—All the breeds of live stock will be studied. Special emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breeds to western conditions. Autumn. 8:30. Five hours credit.

3. **Horse Husbandry.**—This course is a consideration of the types and breeds, care, feed, and management of horses. Their origin, development, adaptability to western conditions, and common ailments will be carefully considered. Winter. (Not given this year.) Two hours credit.

4. **Beef Cattle Husbandry.**—This course is a consideration of the types and breeds, feed, care and management of beef cattle for western conditions. The student will be made familiar with the animals by frequent field trips. Winter. 1:30. Two hours credit.

5. **Sheep Husbandry.**—Types and breeds of sheep will be reviewed, followed by study of the management, care and feeding of sheep, both on the range and on the farm. Spring. 8:30 Two hours credit.

6. **Swine Husbandry.**—Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming. Winter. 8:30. Two hours credit.

8. **General Poultry.**—A study of breeds, judging, breeding, incubation, brooding, housing, feeding and marketing. Winter. 1:30. M. W. F. Three hours credit.

21. **Elements of Dairying.**—A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; the Babcock test, the farm separator, the lactometer, methods of creaming, care of milk on the farm, uses of milk and its products as human food. Spring. 10:30 Four hours credit.

Upper Division Courses

51. **Animal Breeding.**—The aim of this course is to study the specific principles, practices, and methods involved in the breeding and development of domesticated animals. Such topics as, Mendelism in animals, transmission, heredity, values of pedigree, systems of breeding, records, etc., are considered. Prerequisite, Zoology 78, or Botany 80. Spring. 8:30. Three hours credit.

52. **Animal Nutrition.**—A study of feeds, their compounds, and their digestion; the various uses to which each is put in the body. The best practices of feeding and the results of the different experiments will be investigated. Prerequisite, one year of chemistry. Autumn. 10:30. Four hours a week. Four hours credit.

53. **Animal Nutrition.**—Continuation of course 52. Winter. 10:30. Four hours credit.

71. **Dairy Cattle Judging.**—Stress will be laid on breeds. A comparative study of the score card requirements of each and comparative judging done. Trips will be made to the dairy farms of the county in order to handle typical animals of each breed. Prerequisite, Animal Husbandry 1. Spring. 1:30—4:30, T. and Th. Two periods of three hours each. Two hours credit.

*81. **Milk Production and Secretion.**—Evolution of the feeding standards. Methods of preparing feeds and feeding dairy cows. Principles of nutrition and their relation to milk secretion. Prerequisite, Animal Husbandry 21. Winter. 8:30. Three hours credit.

*91. **Dairy Survey.**—A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class. Winter. Time to be arranged. One hour a week. One hour credit.

92. **Seminar.**—Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry. Spring. Time to be arranged. One period a week.

110. **Research in Nutrition.**—Open to graduates only, major or minor. Designed for students in Animal

Husbandry and Home Economics who desire to get acquainted with the problems of nutrition. Time and credit to be arranged.

ART

Professor Eastmond, Associate Professor Larson,
Mr. Jensen, Mrs. Gourly.

Students majoring in art are required to take courses 1, 2, 3, 7, 8, 9, 21, 11, 12, 13, 38, 39, 40.

Lower Division Courses

1. **Art Appreciation.**—Interpretation of the beautiful in objective nature. Foundational principles of art introduced as a means of the appreciation of natural scenery. Travel lectures. Autumn. T. Th. 1:30. Two hours credit. Eastmond.

2. **Art Appreciation.**—Study and classification of the greatest masterpieces of historic and modern architecture and sculpture. Illustrated lectures. Winter. T. Th., 1:30. Two hours credit. Eastmond.

3. **Art Appreciation.**—Interpretation and classification of the greatest masterpieces of historic and modern graphic art. Illustrated lectures. Spring. T. Th., 1:30. Two hours credit. Eastmond.

7. **Graphic Representation.**—Object drawing in various media. Emphasis upon objective tone study in charcoal. Emphasis upon mass media. Recitation and laboratory work. Autumn. 2:30. Two hours credit. Larsen.

8. **Graphic Representation.**—Continuation of Art 7. Objective composition. Cast drawing emphasized. Drawing from the costumed model. Recitations and laboratory work. Winter, 2:30. Two hours credit. Larsen.

9. Graphic Representation.—Continuation of Art 8. Study of perspective. Outdoor sketching in pencil and pastello. Spring, 2:30. Two hours credit. Larsen.

11. Water Color Painting.—Pictorial composition and color study. Recitations and laboratory work. Autumn. M. W. 10:30. Two hours credit. Eastmond.

12. Water Color Painting.—Continuation of Art 11. Pictorial composition emphasized. Recitations and laboratory work. Winter. M. W. 10:30. Eastmond.

13. Water Color Painting.—Continuation of Art 12. Composition and outside sketching emphasized. Recitations and laboratory work. Spring. M. W. 10:30. Two hours credit. Eastmond.

14. Commercial Art.—Show card writing. Poster art; advertising arrangement. Autumn. M. W. F., 1:30. One hour credit. Jensen.

15. Commercial Art.—Continuation of Art 14. Recitations and laboratory work. Winter. M. W. F., 1:30. One hour credit. Jensen.

16. Commercial Art.—Continuation of Art 15. Recitations and laboratory work. Spring. M. W. F., 1:30. One hour credit. Jensen.

17. Process Illustration.—Method of drawing and painting for illustration. Drawing for the various process methods of modern engraving. Practical illustration. Autumn. T. Th. 10:30. Two hours credit. Eastmond.

18. Process Illustration.—Continuation of Art 17. Recitations and laboratory work. Winter. T. Th., 10:30. Two hours credit. Eastmond.

19. Process Illustration.—Continuation of Art 18. Recitations and laboratory work. Spring. T. Th., 10:30. Two hours credit. Eastmond.

21. Theory and Practice of Design.—Rhythm balance, harmony, and other foundational principles. Three recitations and one studio hour. Autumn. M. W. F. 1:30. Sections will be arranged to correlate with the lines of work taken up in Art 25, 28, etc., and 32p. Two hours credit. Eastmond, Larsen.

25. Domestic Art Design.—A study of line, proportion, and color applied to china painting and needle craft. Original designs for decorative textile work. Prerequisite, Art 21. Winter. M. W. F., 1:30. Two hours credit. Eastmond.

26. Domestic Art Design.—Continuation of Art 25. Original design for decorative textile work emphasized. Spring. M. W. F., 1:30. Two hours credit. Eastmond.

28. Home Planning and Applied Art.—House planning. Historic development of the house. Location and environment. Study of line, form, and color. Two recitations and one studio hour. Winter, M. W. F., 1:30. Two hours credit. Larsen.

29. Home Planning and Applied Art.—Interior decoration and home furnishing. Study of wall finishes and decoration. Floors, floor finishes and coverings. Natural and artificial lighting. Draperies, upholstering. Furniture, pictures and bric-a-brac. Study of color, texture, scales, structural unity and the proper use of ornament. Spring. M. W. F., 1:30. Two hours credit. Larsen.

32-p Ceramic Art (China Painting).—Application of the various methods of design in the decoration of appropriate wares. Winter. Time to be arranged. One, or two hours credit. Special fee for private instruction. Prerequisite, Art 21. Mrs. Gourley.

33-p. Ceramic Art.—Continuation of Art 32. Emphasis on applied design. Spring. Time to be ar-

ranged. One, or two hours credit. Special fee for private instruction. Mrs. Gourley.

38. Outdoor Sketching With Oil Colors.—Landscape study. Brush drawing of trees and other landscape elements. Representation of foreground, middle distance, and distance. Landscape composition. Study of the work of modern landscape composition. Autumn. Daily, 4:30. Two hours credit. Larsen.

39. Still Life Painting With Oil Colors.—Painting of flowers, fruits, vases, and other still life objects. Pictorial composition emphasized. Winter. Daily, 4:30. Two hours credit. Larsen.

40. Outdoor Sketching With Oil Colors.—Continuation of 38 and 39. Spring. Daily. 4:30. Two hours credit. Larsen.

41. Art For Elementary School Teachers.—Simple drawing and painting with various media. Paper cutting and construction, clay, crayons, water color, etc. Study of materials suitable for elementary applied design. Subject matter and standards of achievement for each grade. Objectives and methods emphasized. Autumn. M. W. F. 3:30. Three hours credit. Jensen.

42. Art For Elementary School Teachers.—Continuation of Art 41. Winter. M. W. F. 3:30. Three hours credit. Jensen.

43. Art For Elementary School Teachers.—Continuation of Art 42. M. W. F., 3:30. Spring. Three hours credit. Jensen.

Upper Division Courses

51. Advanced Illustration and Art Etching.—Pictorial composition especially adapted to the various phases of tone and color engraving. Methods and

practice of art etching introduced. Autumn. 10:30. One to four hours credit. Eastmond.

52. Advanced Illustration and Art Etching.—Continuation of Art 52. Criticism periods and laboratory work. Winter 10:30. One to four hours credit Eastmond.

53. Advanced Illustration and Art Etching.—Continuation of Art 52. Criticism periods and laboratory work. Spring. 10:30. One to four hours credit. Eastmond.

54. Methods of Teaching Art.—A survey is made of various courses of studies in art. (Drawing, design, handicraft, etc.) The study and adaption of art materials. Art projects as adapted to various localities. Autumn. T. Th., 3:30. Two hours credit. Eastmond.

57. History of Costume.—Research of Egyptian, Grecian, Roman Renaissance and Modern French. Art in Costuming. Autumn. Two hours credit. M. W. F., 10:30. (Not given this year.)

61. Commercial Art.—Poster designing and lettering. Systems of lettering. Sign writing in various mediums. Historic alphabets. Prerequisites Art 14, 15, 16. Autumn. M. W. F., 1:30. Two hours credit. (Not given this year.)

62. Commercial Art.—Continuation of Art 61. Winter. M. W. F., 1:30. Two hours credit. (Not this year.)

63. Commercial Art.—Continuation of Art 62. Spring. M. W. F., 1:30. Two hours credit. (Not given this year.)

64. Water Color Painting.—Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Out-door sketching. Recita-

tions and laboratory work. Autumn. M. W. F., 10:30. Two to four hours credit. Eastmond.

65. Water Color Painting.—Subjective and decorative landscape painting emphasized; nature motif work. Color theory applied. Recitation and laboratory work. Winter. M. W. F., 10:30. Two to four hours credit. Eastmond.

66. Water Color Painting.—Continuation of Art 65. Out-door sketching emphasized. Recitations and laboratory work. Spring. M. W. F., 10:30. Two to four hours credit. Eastmond.

67. Oil Painting.—Landscape and still-life; Composition in line, mass and color. Objective representation emphasized. Outdoor sketching. Individual expression emphasized. Autumn. 3:30 or 4:30 two to five hours credit. Larsen.

68. Oil Painting.—Painting from the costumed model. Winter 3:30 or 4:30. Two to five hours credit. Larsen.

69. Oil Painting.—Emphasis upon landscape painting. Spring, 3:30 or 4:30. Two to five hours credit. Larsen.

71. Decorative Painting.—Applied painting in oil and other media. Decorative composition correlated with interior decoration. Mural painting. Scenery painting. Recitations and laboratory work. Autumn. M. W. F., 2:30. Two to four hours credit. Eastmond.

72. Decorative Painting.—Continuation of Art 71. Recitations and laboratory work. Winter. M. W. F., 2:30. Two to four hours credit. Eastmond.

73. Decorative Painting.—Continuation of Art 72. Recitations and laboratory work. Spring. M. W. F., 2:30. Two to four hours credit. Eastmond.

74. Art Pageant Production.—Pageantry as art expression. Principles of pageant composition. Symbolic representation. Nature pantomime and tableau. Costuming and design. Property design. Autumn, T. Th. 4:30. Two hours credit. Eastmond.

75. Art Pageant Production.—Continuation of Art 74. Winter. Two hours credit. Eastmond.

76. Art Pageant Production.—Continuation of Art 75. Spring. Two hours credit. Eastmond.

BOTANY

Professors Cottam, Martin; Assistant Professor Morris

Lower Division Courses

12. General Botany.—A general course which considers the fundamental principles of morphology, physiology, and reproduction of plants. Sec I, Autumn Sec II, Winter. M. W. 9:30; laboratory T. Th., 1:30 to 4:30. Four hours credit. Cottam.

15. Field Biology.—A course in general nature study, especially intended for teachers of primary and secondary grades. Spring. T. Th., Sec. I 1:30. Sec. II 2:30. Two hour perids. Two hours credit. Cottam.

21. General Bacteriology.—The course will consist of a study of the general characteristics and activities of microorganisms and their relations to man. Prerequisite Botany 12 or Zoology 11. Winter. M. W. F., 9:30. Three hours credit. Martin.

22. General Bacteriology.—Laboratory course in general bacteriology, designed to accompany Botany 21. Limited to 16 students. Two hours credit. T. Th. 1:30-5:30. Martin.

Upper Division Courses

***50. Algae and Fungi.**—A study of the morph-

ology, life histories, classification and relation of the main groups of algae and fungi. Prerequisite, Botany 12. Autumn. One lecture and two three-hour laboratory periods a week. Three hours credit. Time to be arranged. Cottam.

***51. Liverworts, Moses and Ferns.**—A study of the morphology, life histories and relationships of the liverworts, mosses and ferns. Prerequisite, Botany 12. Winter. One lecture and two three-hour laboratory periods a week. Time to be arranged. Three hours credit. Cottam.

***52. Seed Plants.**—A study of the morphology, life histories, classifications and relationships of the higher plants. Prerequisite, Botany 12. Spring. One lecture and two three-hour laboratory periods a week. Three hours credit. Time to be arranged. Cottam.

55. Spring Flora.—This course will consider a brief survey of the plant kingdom as illustrated by local forms. Students will learn to handle the botanical key and become independent in classifying plants. Prerequisite, Botany 12. Spring. Wednesday, 2:30; laboratory M. F., 2:30 to 5:30. Three or five hours credit. Cottam.

57. Plant Ecology.—This course will include a study of plants as they grow in nature. Their adaptations in relation to soil and climate will be a special consideration. Prerequisite, Botany 12. Spring. T. Th 10:30, also one field trip a week. Three hours credit. Cottam.

58. Geographic Ecology.—A course devoted to a survey of the various floristic regions of the earth, with emphasis on North American problems. The course should be of special interest to students who expect to travel. Prerequisite Botany 12, Botany 57 desirable. Winter. M. W. F. 8:30. Three hours credit. Cottam.

60. Plant Physiology.—A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates and proteins, digestion, translocation, respiration, growth and reaction of plants to stimuli. Prerequisites, Botany 12 and Chemistry 1 and 2 or their equivalents. Winter. T. Th., 2:30; laboratory W. F., 1:30 to 4:30. Four hours credit. Cottam.

***61. Plant Histology.**—This is primarily a laboratory course in the technique of preparing, staining and mounting of sections for microscopical examination. Prerequisite, Botany 12. Autumn, Winter Spring. Time to be arranged. Three hours credit. Cottam.

70. Diseases of Cultivated Plants.—This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisites, Botany 12 and 21. Autumn. T. Th., 8:30; laboratory M. F., 1:30 to 4:30. Four hours credit. Morris.

***75, 76. Seminar.**—Autumn, Winter. One hour credit for each course. Cottam.

80. Evolution, Heredity and Eugenics.—A consideration of the facts upon which the conception of evolution is based and of the theories advanced to explain it. A study of the laws of inheritance with their applications to plant and animal breeding and to the human race. Prerequisites, Botany 12 or Zoology 11. Spring. M. T. W. Th., 9:30. Four hours credit. Cottam.

Graduate Courses

101. Plant Cytology.—A course that deals with the structure and life history of the plant cell. Prerequisites, Botany 50, 51, 52. Winter. Two lectures and three two-hour laboratory periods. Four hours credit. Cottam.

102. **Plant Physiology.**—A course devoted to a survey of the constructive and destructive metabolic processes of the plant. Prerequisite, Botany 60. Spring. Two lectures and two three-hour laboratory periods. Four hours credit. Cottam.

103. **Field Ecology.**—Open only to advanced students of botany. Work ordinarily to be done on the regular biological excursions conducted each summer. Four or eight hours credit. Cottam.

104. **Physiographic Ecology.**—The origin and development of plant associations with their special application to our own regions will be considered in this course. Autumn. Two lectures and one field trip each week. Three hours credit. Cottam.

105. **Research.**—A qualified student may register for research in any of the major fields of botany on special arrangement with the department. Three or five hours credit. Cottam.

CHEMISTRY

Professor Maw, Mr. Gates.

Lower Division Courses

1. **Elementary General Chemistry.**—This is an introductory course, intended for those students who want chemistry for its informative and cultural value. The descriptive and practical sides of chemistry are emphasized. It should be taken as a foundation for other sciences. Autumn or Winter. 10:30. Two lectures, two recitations, two laboratory periods a week. Five hours credit. Maw and Gates.

2. **Elementary General Chemistry.**—Continuation of 1. Winter or Spring. 10:30. Five hours credit. Maw and Gates.

3. **Elementary General Chemistry.**—Continua-

tion of 2, and includes the chemistry of the metals and elementary qualitative analysis. Spring. 10:30. Five hours credit. Maw and Gates.

4. **General Chemistry.**—Open only to those students who have had high school chemistry. Two lectures, two recitations and two laboratory periods a week. Autumn. 8:30. Five hours credit. Maw and Gates.

5. **General Chemistry.**—Continuation of 4. Course includes the chemistry of the metals and qualitative analysis. Winter. 8:30. Five hours credit.

6. **General Chemistry.**—Continuation of course 5. Includes some elementary quantitative analysis and discussion of the principles of chemistry. Spring. 8:30. Five hours credit.

7 **Elementary Organic Chemistry.**—A brief discussion of carbon compounds. For students of home economics. Three recitations. Three hours credit. Maw.

8. **Elementary Organic Chemistry.**—Laboratory course to accompany 7. Two afternoons a week. Two hours credit.

Upper Division Courses

51. **Principles of Inorganic Chemistry.**—Discussion of chemical theories and important generalizations in the field of inorganic chemistry. Two recitations. Two hours credit. Maw and Gates.

52. **Principles of Inorganic Chemistry.**—Laboratory course. Two periods a week. Two hours credit. Gates.

54. **Advanced Qualitative Analysis.**—Two hours credit. Maw.

55. **Training in Laboratory Methods.**—Training

in conducting laboratory classes will be given. Consideration will be given to pedagogical principles upon which laboratory teaching should be based. Assigned papers will be written embodying a discussion of the pedagogy of laboratory teaching. Two hours credit any quarter. See Secondary Teaching 69.

56. Laboratory Technique.—This course aims to give training in glass blowing setting up demonstration apparatus, and in conducting supply rooms. Two hours credit, any quarter.

61. Quantitative Analysis.—Introductory. Gravimetric and volumetric. Autumn, Winter or Spring. Laboratory periods arranged. Five hours credit. Maw.

62. Quantitative Analysis.—Continuation of 61. Autumn, Winter or Spring. Four hours credit. Maw.

65. Advanced Quantitative Analysis.—Systematic mineral analysis and volumetric assays. Autumn, Winter, or Spring. Two to ten hours credit according to the amount of work done. Maw.

66. Special Methods.—The following courses may be taken any quarter, the time to be arranged.

- a. **Water Analysis.** Two hours credit.
- b. **Food Analysis.** Two hours credit.
- c. **Electrolytic Analysis.** Two hours credit.
- d. **Steel Analysis.** Three hours credit.

71. Organic Chemistry.—Introduction to the study of the carbon compounds. Three recitations. Three hours credit. Maw.

72. Organic Chemistry.—Laboratory courses to accompany 71. Two hours credit. Maw.

73. Organic Chemistry.—Continuation of 71. Three hours credit. Maw.

74. Organic Chemistry.—Laboratory courses to accompany 73. Two hours credit. Maw.

75. Organic Chemistry.—Continuation of 73. Three hours credit. Maw.

76. Organic Chemistry.—Laboratory course to accompany 75. Two hours credit. Maw.

78. Biochemistry.—Discussion of the chemistry of nutrition, digestion, absorption, assimilation and excretion in the animal body. Three recitations. Three hours credit. Maw.

79. Biochemistry.—Laboratory course to accompany 7. Two laboratory periods. Two hours credit. Maw.

82. General Physical Chemistry.—Two recitations. Two hours credit.

83. Physical Chemistry.—Laboratory course to accompany 82. Two laboratory periods. Two hours credit.

84. General Physical Chemistry.—Continuation of 81. Two recitations. Two hours credit.

85. General Physical Chemistry.—Laboratory course to accompany 84. Two laboratory periods a week. Two hours credit.

90. Seminar.—One meeting a week. One hour credit.

91. Seminar.—One hour credit.

92. Seminar.—One hour credit.

Graduate Courses

103. Advanced Organic Chemistry.—Organic Preparations. Three hours credit.

104. Organic Analysis.—Two hours credit.

110. Research.—Independent work in investigations of problems in inorganic, organic and analytical chemistry. Time and credit to be arranged.

CLOTHING AND TEXTILES

Professor Elliot, Miss Tuckfield

Students who elect Clothing and Textiles as their major are required to complete courses 21, 22, 23; 65, 66, 67; 31, 32; 56, 57, 58; 51, 52, 53. Art 21, 25, 26 should parallel or precede courses 21, 22, 23 and 31, 32.

In courses 11, 12, 13, 15, 16, students are expected to purchase the materials for their personal garments only after receiving the advice of the instructor.

Lower Division Courses

11. Elementary Dressmaking.—This course is designed for students not having had high school sewing and those majoring in other departments of the University. Study of wool textiles. Wool dresses. Autumn 1:30. Four hours a week. Two hours credit. Tuckfield.

12. Elementary Dressmaking.—Continuation of course 11. Study of silk textiles. Silk dresses. Winter. 1:30. Four hours a week. Two hours credit. Tuckfield.

13. Elementary Dressmaking.—Study of cotton textiles. Summer dresses. Spring. 1:30. Two hours credit. Tuckfield.

21. Clothing.—Prerequisite or parallel, Art 21. Use and application of commercial patterns to the user. Technical finishing of simple, machine-made garments. Lecture period will consider the purchasing of textiles, their construction and care. Plain sewing

a prerequisite. Autumn. M. T. W. Th. Two hours credit. Section 1, 10:30; Section 2, 2:30; Section 3, 9:30. Tuckfield.

22. Clothing.—Prerequisite, or parallels Art 25. Study of Wool and silk textiles. Party and wool dresses; emphasis placed on the correct finishing of each article. Lectures on the above textiles, color and dress design. Winter. M. T. W. Th. Two hours credit. Section 1, 10:30, Section 2, 2:30, Section 3, 9:30. Tuckfield.

23. Clothing.—Prerequisites, or should parallel Art 26. Summer dresses. Adapting the line and color to the form and complexion of the wearer. Important points in the social and artistic problems will be emphasized. Spring. M. T. W. Th. Two hours credit. Section 1, 10:30; Section 2, 2:30; Section 3, 9:30. Tuckfield.

31. Millinery.—Prerequisite, or parallels, Art 21, 25, 26. This course provides instruction in the making and covering of frames of various types and in the fitting and trimming of hats to meet the requirements of the individual. Autumn, 8:30. Two hours credit. Tuckfield.

32. Millinery.—Prerequisite, or parallel, Art 21, 25, 26. Braid hats. Silk hats. Transparent hats. Spring. 8:30. Three hours a week. Two hours credit. Tuckfield.

41. Textiles Decoration.—Prerequisite, Art 25, 26. French and eyelet work. A consideration of decorative needle work applicable to household adornment and wearing apparel. Foundation stitches in hedebo and Roman cut work, also different types of artistic stitchery. Autumn. T. Th., 10:30. Two hours credit. Elliott.

45. Baby's Layette.—Prerequisite, Art 25, 26,

Clothing and Textiles 41. Hand sewing. Fine stitching will be applied to baby clothing and children's dresses. Winter. T. Th., 10:30. Two hours credit. Elliott.

46. **Fine Sewing.**—Prerequisite, Clothing and Textiles 45. Summer dresses. The purpose of this course is to create a desire for dainty clothing. One article embroidered. Spring, T. Th., 10:30. Two hours credit. Elliott.

Upper Division Courses

52. **Costume Design.**—Color harmony applied. Line; rhythm; objective study of gowns and hats. Creative designs emphasized. Study of styles and color suitable to various types. Prerequisites, Art 21, 25, and 26. Winter. Two hours credit. M. T. W. Th., 8:30. Tuckfield.

53. **Applied Costume Design.**—Prerequisite, course 52. This course includes the application to modern designing of the principles given in Costume Design; of line, color texture for various types; of general clothing selection and of technique and methods of rendering. Spring. 8:30. Three hours a week. Two hours credit. Tuckfield. (Not given this year.)

*56. **Advanced Dressmaking.**—Renovation and remodeling. Choosing and altering of patterns. Fitting various types of figures. Defects in human figure; consideration of how to dress to overcome them. Practical experience in color and harmony in designing materials. Autumn. M. W. F., 2:30. Three hours preparation. Two hours credit. Elliott.

*57. **Advanced Dressmaking.**—Coat or wrap party dress. Training in line and color harmony. Lecture period continuation of same topics as 56. Adapting designs in current fashion magazines to the

individual. Winter. M. W. F., 2:30. Two hours credit. Elliott.

***58. Advanced Dressmaking.**—Application of line and color to the proportions of individuals. Two summer dresses required. Three hours a week. Three hours required for preparation. Spring, M. W. F., 2:30. Two hours credit. Elliott.

***65. Textiles.**—Prerequisite, Chemistry 1. History of primitive and modern methods of manufacturing textiles. It includes a study of growth, preparation and manufacture of fibres as a basis of judgment in the purchase and use of materials used for clothing and house furnishings. Collection and study of samples are required. Autumn, M. W. 10:30. Three hours credit. Elliott.

***66. Textiles.**—Continuation of course 65. Winter. M. W. 10:30. Three hours credit. Elliott.

***67. Textiles.**—Continuation of course 66. Spring. M. W. 10:30. Three hours credit. Elliott.

71. Shop Work.—This course is designed for students who have had experience in dressmaking and desire to continue in that line of work. Credit is allowed on the basis of one hour of credit for three hours of work. Students may register for one, two, or three hours a quarter. Autumn, Winter or Spring. Time to be arranged. Elliott.

DRAFTING

Assistant Professor Snell

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. Elementary Drafting.—The care and use of

instruments, lettering and drawing of geometric figures. Autumn. Daily, 9:30 or 10:30. Two hours credit.

2. **Elementary Drafting.**—Continuation of 1. Simple projections, introducing the principles of working drawings. Winter. Daily, 9:30 or 10:30. Two hours credit.

3. **Elementary Drafting.**—Continuation of 2. Intersections of solids and development of surfaces. Spring. Daily, 9:30 or 10:30.

4. **Engineering Drawing.**—The care and use of instruments, lettering and applied geometry. Autumn. Daily, 9:30 or 10:30. Two hours credit.

5. **Engineering Drawing.**—Orthographic projection and pictorial representation. Prerequisite, Drafting 4. Winter. Daily, 9:30 or 10:30. Two hours credit.

6. **Engineering Drawing.**—Developed surfaces and intersections. Prerequisite, Drafting 5. Spring. Daily, 9:30 or 10:30. Two hours credit.

7. **Elementary Machine Design.**—Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blue-prints. Prerequisite, Drafting 4, 5, and 6 (1, 2 and 3 may be substituted by instructor's permission.) Autumn. Daily 9:30 or 10:30. Two hours credit.

8. **Elementary Machine Design.**—Continuation of 7. Winter. Daily, 9:30 or 10:30. Two hours credit.

9. **Elementary Machine Design.**—Continuation of 8. Spring. Daily, 9:30 or 10:30. Two hours credit.

10. **Instrumental Perspective.**—The theory and application of methods of drawing architectural per-

spectives. Prerequisite, Drafting 1, 2 and 3, or equivalent. Autumn. Daily, 9:30 or 10:30. Two hours credit.

11. **Instrumental Perspective.**—Continuation of 10. Winter. Daily, 9:30 or 10:30. Two hours credit.

12. **Instrumental Perspective.**—Continuation of 11. Spring. Daily, 9:30 or 10:30. Two hours credit.

13. **Architectural Drawing.**—Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisite, Drafting 1, 2, and 3, or equivalent. Autumn. Daily, 9:30 or 10:30. Two hours credit.

13. **Architectural Drawing.**—Continuation of 13. Winter. Daily, 9:30 or 10:30. Two hours credit.

15. **Architectural Drawing.**—Continuation of 14. Spring. Daily, 9:30 or 10:30. Two hours credit.

19. **Topographical Drawing.**—Practical elementary work in topographical drawing. Mapping and plotting from field notes. Prerequisite, Drafting 4, 5, and 6 or 1, 2, and 3. Winter. Daily, 9:30 or 10:30. Two hours credit.

20. **Engineering Drawing.**—Working drawings—architectural and structural. Tracing, blue-printing, and specifications. Prerequisite, Drafting 4, 5, and 6. Autumn. Daily, 9:30 or 10:30. Two hours credit.

Upper Division Courses

51. **Original Architectural Design.**—Designing and drawing of a set of plans, with tracings, blue-prints, specifications, etc., complete for actual construction. A complete set of plans each quarter. Prerequisites, Drafting 13, 14, and 15. Autumn. Daily, 9:30 or 10:30. Two hours credit.

52. **Original Architectural Design.**—Continua-

tion of 51. Winter. Daily, 9:30 or 10:30. Two hours credit.

53. Original Architectural Design.—Continuation of 52. Spring. Daily, 9:30 or 10:30. Two hours credit.

54. Descriptive Geometry.—This course includes a study of the principles relating to the point, line, plans, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites Mathematics 11 and Drafting 4, 5 and 6. Autumn. Daily, 9:30 or 10:30. Two hours credit. (Not given this year.)

55. Descriptive Geometry.—Continuation of 54. Winter. Daily, 9:30 or 10:30. Two hours credit. (Not given this year.)

56. Graphics.—Roof and bridge trusses. Direction and amount of forces determined graphically. Prerequisites, Drafting 51, 52, and 53. Spring. Daily, 9:30 or 10:30. Two hours credit. (Not given this year.)

ECONOMICS

Professors Swenson, Hoyt; Associate Professors Miller, Boyle;
Mr. Johnson.

Lower Division Courses

11. Introduction to Economics. — A general survey of industrial society, its structure, its institutions, its operation. Historical background of the rise of modern capitalistic industry. A study of underlying assumptions of our present regime, such as private property, competition and the logical control of industrial activity. Autumn. Sec. 1, 8:30, Johnson; Sec. 2, 10:30, Miller; Sec. 3, 1:30, Boyle. Three hours credit.

12. Principles of Economics.—This course is an introductory study of the underlying principles of economics. Special attention is given to the production, exchange, distribution and consumption of wealth. An attempt is made to give the student an approach to the economic issues of the day with an intelligent appreciation of the factors which make for sound public policy. Prerequisite, course 11. Winter. Sec. 1, 8:30, Johnson; Sec. 2, 10:30, Miller; Sec. 3, 1:30, Boyle. Three hours credit.

13. Current Economic Problems.—This course will consider several of the important and pressing problems of present day industry and make an examination and criticism of the economic theory underlying them. Prerequisite, course 12. Spring. Sec. 1, 8:30, Johnson; Sec. 2, 10:30, Miller; Sec. 3, 1:30, Boyle. Three hours credit.

14. Economic and Financial History of the United States.—The economic development of the United States through the colonial era, the period of industrial revolution, and the westward movement to the present, with special emphasis upon economic integration and industrial organization. Autumn. 9:30. Three hours credit. Miller. (Required of all majoring in Economics.)

22. Marketing and Advertising.— See Accounting and Business Administration 22.

24. Advertising and Salesmanship.—Sec. Accounting and Business Administration 24.

25. Marketing Problems.—See Accounting and Business Administration 25.

Upper Division Courses

57. Transportation Problems.—This course deals with the growth and development of railway trans-

portation in the United States; the organization, construction and management of modern systems; the theory of rates; problems of competition; development of public regulation and railway legislation in the United States; general scope and importance of the railway problem at the present time. Spring. 2:30. Fours credit. Miller.

58. Social Statistics.—The purpose of the course is to become acquainted with the methods of gathering and the principles of interpreting various kinds of social and economic data. Spring. Three hours credit. Swenson. (Not given this year.)

***59. Labor Problems.**—This course deals with the the wage system, domestic industry, the factory system. The rise and growth of labor organizations. Special problems in labor and industrial unions, with a study of typical organizations. Collective bargaining, boycott, lockout, woman and child labor. The effects of immigration upon the American laborer. The mediation and arbitration of industrial disputes. Winter. 9:30. Four hours credit. Miller.

***61. Labor Legislation.**—The state in relation to labor. An intensive study of the legal aspects of the labor movement. Minimum wages, social insurance, regulation of hours, working conditions, etc. Foreign experiments in the field of government regulation and control. Spring. 9:30. Three hours credit. Miler.

62. Industrial Management.—See Accounting and Business Administration 61.

63. Personnel Management.—See Accounting and Business Administration 62.

65. Business Statistics.—See Accounting and Business Administration 75.

67. Public Finance. — The science of public

finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration. Spring. 8:30. Three hours credit. Swenson.

75. Foreign Exchange.—This course considers briefly the inter-bank relations and domestic exchange. The main emphasis will be given to bills of exchange, import and export creditors, gold movements, etc. Spring. Three hours credit. Swenson. (Not given this year.)

Graduate Courses

101. Advanced Economics.—Advanced work in economic theory with application to present day economic problems. Open to seniors. and graduates. Autumn. 8:30. Three hours credit. Prerequisite, Economics 11, 12, 13. Swenson.

102. Advanced Economics.—Continuation of 101 Winter. Three hours credit. Swenson.

110. Research in Economics.—This course is designed to afford special work of an advanced nature to those students who have sufficient preparation, and who are desirous of gaining a greater familiarity with some particular phase of economics. Hours and credit to be arranged to suit the individual needs of the student. Miller.

EDUCATIONAL ADMINISTRATION

Professors Nuttall, Woodward, A. N. Merrill; Associate Professor Sudweeks; Assistant Professors Brown, Peterson; Mr. Jensen.

Lower Division Courses

5. School Organization and Administration.—Same as Elementary Teaching 5.

46. Rural Education.—This course deals with rural and educational problems which confront the teachers in the rural communities of the intermountain states. Spring. Three hours credit. A. N. Merrill.

Upper Division Courses

60. Technique of Teaching.—Same as Elementary Teaching 60. A course for supervisors. Three hours credit.

61. Same as Elementary Teaching 61.

62. Same as Elementary Teaching 62.

63. Same as Elementary Teaching 63.

***69. Measurements of High School Teaching.**—Same as Secondary Teaching 69.

***71. Social Organization and Administration of the Secondary School.**—After a brief consideration of the social principles upon which the organization of the school rests, this course will analyze extra class room activities of the school in the light of these social standards with a view to establishing unity in the practices of the secondary school. The following activities will be thus analyzed: Discipline, self-government, control of lunch room activities, assembly exercises, athletic organizations, study clubs (debating, literary, nature study, mathematical, etc.) scholarship societies, secret societies, good time clubs, the differentiation of social organizations to meet the needs of boys, of girls, school festivals, organizations affiliated with civic societies, the school as a social center. Spring, M. W. F. Three hours credit. Woodward. (Not given this year.)

73. General Educational Administration. — A study of the present organization of state, city, county and rural school systems will be made. The powers and duties of various school officials together with an

outline of the general problems involved in administering a school system, will form the detailed content of the course. Autumn. Four hours credit. Jensen.

***75. Educational Supervision.**—The course will deal with the general purposes of supervision. The relation of supervisors to teachers and administrative officers; the methods of stimulating, criticizing, helping and rating teachers. The course is planned for those preparing to do general primary or grammar grade supervision or to supervise in any special subject such as music or art, or to become principals, and is open to seniors and graduate students. Spring. Four hours credit. Jensen.

79. Statistical Methods.—This course deals with the principles and methods underlying the compilation and interpretation of educational statistics. Students who have had Mathematics 13, should not take this course without consulting the instructor. Autumn. Three hours credit. Sudweeks.

80. Educational Measurements.—The course will include a study of the methods of gathering data, giving tests, tabulating data, interpretation and statistical treatment and graphic representations of results, and planning remedial teaching. Time in the course will also be devoted to the improvement of the written examination. Either Educational Administration 79 or Mathematics 13 is required as a prerequisite for this course. Winter. Four hours credit. Sudweeks.

The following courses in other departments may be used to fill a major in Educational Administration, Psychology 74, 75, Secondary Teaching 52, 53, 91, 101; Philosophy of Education 92, 86, 89.

Graduate Courses

101. General Educational Administration.—This course parallels Educational Administration 73 and is

given for graduate students who have not had a course in general educational administration. Such a course is considered a prerequisite for all further graduate work in administration. Autumn. Three hours credit. Jensen.

111. Financial Problems in Educational Administration.—This course will include a special study of financial problems of school administration. It will involve a comparative study of systems of raising and disbursing revenue, of particular problems to be met by the superintendent and boards of education. A course in general educational administration is prescribed as a prerequisite. Winter. M. Th. Two hours credit. Nuttall. (Not given this year.)

112. Advanced Educational Administration. — This course deals with the selection, placing, improving and rating of the teaching corps of the school system and of problems of co-operating with school boards state officials, and methods of child accounting, etc. Winter. Three hours credit. Nuttall. (Not given this year).

147. Research Work.—Students may be given from two to four hours credit for presenting a satisfactory thesis on an assigned topic, embodying the results of independent work. The consent of the instructor of the course is necessary before registering. Sudweeks.

148. Thesis Work in School Administration.—The work of this course is largely individual research under the direction of the professor in charge. The material and the problems studied will be in connection with the master's thesis. From four to eight hours credit, depending upon the problem. Woodward, Merrill, Sudweeks.

150. Graduate Seminar in Education. — Each alternate Monday, 7:30 to 9:30 p. m.

ELEMENTARY TEACHING

Professors Nuttall, A. N. Merrill, Eastmond; Associate Professors Larsen, Sudweeks; Assistant Professors Ollorton, Dusenberry, Peterson, Brown, Boyle, Lambert; Mr. Jensen.

Faculty of Elementary Training School

Lower Division Courses

1. Principles of Education.—As an introduction to the study of Philosophy of Education and a basis for a study of teaching, this course is required of all students qualifying for elementary teaching. The course deals with such topics as values in education, aims of teaching, educational institutions in their relation to the individual, the place and function of the teacher. the basic principles of methods and the principles to be applied in educational measurements. Autumn, Winter or Spring. Four hours credit. Sudweeks.

5. School Organization and Administration.—This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community and will introduce in an elementary but practical way the problems of school organization including such problems as the place of the superintendent, supervisors and principal, teachers assignment, the organization of the curriculum, classification of pupils, attendance, physical welfare of pupils, records, reports. The school law will be studied. The course meets the state certification requirement of school organization and administration. Three hours credit. Autumn, Winter, Spring. Boyle.

6. Methods of Teaching in Primary Grades.—This course deals with the fundamental methods used in lower primary teaching. It must be taken paralleling course 16, Elementary Training. A careful

study of the method of teaching, reading, language, and spelling in the first two grades will be made. Autumn. Four times a week. Three hours credit. Brown.

7. Methods of Teaching in Primary Grades.—A continuation of course 6. Methods of teaching handwriting, arithmetic, geography, and history will be considered. This will also be supplemented by demonstrations in the Training School. Winter. Four times a week. Three hours credit. Brown.

8. Methods of Teaching in Intermediate Grades.—This course should be taken parallel with the course in elementary training by students who expect to teach in the intermediate grades. Careful consideration will be given to the special methods involved in the teaching of the following subjects: Spelling, handwriting, reading and English. Autumn. Four times a week. Three hours credit. Peterson.

9. Methods of Teaching in Intermediate Grades.—A continuation of course 8. Methods of teaching history, arithmetic, community civics, manual training, industrial arts, elementary science and geography will receive consideration. Winter. Four times a week. Three hours credit. Peterson.

10. Methods of Teaching Upper Grades.—This course must precede or parallel training in the upper grades. Emphasis will be placed on the types of classroom exercises suited to children of these grades. Special methods in English, penmanship, spelling, mathematics, etc., will be studied during the first part of course. Autumn. Four times a week. Three hours credit. Ollorton.

11. Methods of Teaching Upper Grades.—A study of the special methods of geography, science, civics, history and vocational guidance will be made.

A continuation of course 10. Winter. Three hours credit. Ollorton.

12. Elementary School Curriculum.—This course is given in response to the general demand for a greater mastery of subject matter by prospective teachers. The course will include a study of the state and city courses of study; a study of the sources of information required by these courses; actual finding and recording of special information not readily obtainable in text books; organization of subject matter by grades so that it is accessible for teaching. The subjects in the curriculum of the six grades of the elementary school will each receive detailed consideration. Autumn. Four hours credit. Ollorton, Boyle, Brown, Lambert, Jensen.

13. Elementary School Curriculum.—Continuation of course 12. Winter. Four hours credit. Brown Lambert, and Jensen.

Note: Courses 12 and 13 meet the State requirement for a study of the Utah Course of Study.

16. Elementary Training.—This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in the theoretical courses. Preliminary to actual teaching, about three weeks will be devoted to the problem of plan making.

During this period students will be assigned to a grade in which they will participate with the regular teacher in the work of the class. They will be permitted to assume responsibility as rapidly as possible. Students will actually teach not less than one hundred hours. This course is open to sophomore students only. Elementary Teaching 1, Psychology 21, Elementary Teaching 12 and 13 or equivalents are prerequisites for this course. Should the enrollment exceed the capacity of the training school a selection may be made

on the basis of tests and the record in the prerequisite courses. A special fee of \$5.00 is charged for training. Autumn, Winter and Spring. Daily from 1:30 to 3:30. Twelve hours credit. Ollorton, Brown, Peterson.

20. Story Telling and Children's Literature.—A study from the literary and educational points of view of the best literature available for children. This should involve some familiarity with the basic folk tales from which the standard children's stories, rhymes and poems have been largely derived, and practical exercises in the oral presentation of this material. Autumn, Winter or Spring. Two hours credit. Dusenberry.

21. Juvenile Literature. — A study of literature will be made in a sufficiently detailed way to give a basis for selection, appreciation, and presentation of the best and most suitable material for the elementary school. Graded lists of various types of stories and poems will be completed. This course is a continuation of 20. Winter or Spring. Two hours credit. Dusenberry.

22. Hygiene and Sanitation.—(Health Education)—Same as Zoology 20. Designed to meet state requirements in health education. The early part of the course is devoted to fundamental physiological processes such as digestion, circulation, respiration and excretion and upon these as a foundation are based studies of personal hygiene, hygiene of the school child, sanitation of school building and surroundings, public and home sanitation, and recognition of defects in children. Winter and Spring. M. W. F., 10:30. Three hours credit.

Upper Division Courses

60. Technique of Teaching.—This course deals with certain of the recent developments in the field of methods and the psychological experiments which

have led to the revision of class-room procedure. Emphasis will be given to the new methods which have grown out of the use of standard tests, development of problem teaching, and the guidance methods in teaching made necessary by the definite knowledge of individual differences. Topics discussed will be illustrated by work in the training school. Designed for students who are qualifying for supervision work in any field. Winter. Three hours credit. Jensen.

61. First Grade Education.—Problems of early elementary education. A study of the subject matter and concrete materials which should form the basis of the work with young children. Language, nature study, reading, pre-primer and primer, spelling and beginning writing will be the major topics considered. Classroom observation required. Designed for students in the training school who show special ability in teaching the first grade and for experienced teachers preparing for supervisory work. Winter or Spring. Three hours credit. Brown.

62. Measurements of Elementary Education.—A practical course in selecting and using standard tests in elementary school subjects. Practice will be afforded in giving and scoring tests in the grades of the Training School and interpreting results. Autumn and Spring. Three hours credit. Ollorton.

63. Classroom Management.—The aim of the course is conservation of and obtaining the maximum educational value of every element in class-room organization. Such topics as the following will receive attention: School programs, seating of pupils, heating and ventilating school rooms; care and use of supplies and books; school room cleanliness; school room decoration; definite disciplinary problems; school records, reports, etc.; value of good management as a condition for good teaching. Spring. Two hours credit. Jensen.

The following courses in other departments may be taken for credit in the department of Elementary Teaching: Art 41, 42, 43, Dramatic Art 63 (Normal Reading,) Theory of Music 10 and 11 (Methods of Teaching Music,) Physical Education 21 (Physieal Education for Grade Teachers,) Psychology 21, 74, 75; Educational Administration 75, 80.

ENGLISH

Professors Osmond, Reynolds, Holt; Associate Professors Jensen, Christensen; Assistant Professors Merrill, Rowe;
Mrs. Roberts, Mrs. Carroll, Miss Egbert,
Miss Jensen.

Students who major in English will be required to furnish thirty hours of work in English in addition to the nine hours Freshman English, required of all students.

1. Rhetoric and Composition.—Themes, exercises, conferences, and prescribed reading. Autumn. Sec. 1, 8:30, Jensen; Sec. 2, 8:30, Rowe; Sec. 3, 8:30, Egbert; Sec 4, (Business English), 8:30, Roberts; Sec. 5, (Business English), Holt, 10:30; Sec. 6, (Business English), Rowe, 9:30; Sec. 7, 9:30, Jensen; Sec. 8, 9:30, Merrill; Sec. 9, 10:30, Rowe; Sec. 10, 9:30, Christensen; Sec. 11, 10:30, Egbert; Sec. 12, 10:30, Carroll; Sec. 13, 1:30, Egbert; Sec. 14, 2:30, Carroll. Three hours credit.

2 Rhetoric and Composition.—Continuation of course 1. Winter. Sections and time the same as in course 1. Three hours credit.

3. Rhetoric and Composition.—Continuation of course 2. Spring. Sections and time the same as in course 2. Three hours credit.

4. Advanced Composition.—Long themes, lectures, conferences, and required reading. Prerequisites, English 1, 2, and 3. Required of students who elect

their major in English. Autumn. 10:30. Four hours credit. Osmond.

6 Argument and Debate.—A study of the principles of argumentation, followed by a series of debates on current questions. Prerequisites, English 1, 2, and 3. Autumn, 10:30. Four hours credit. Rowe.

11. Grammar.—This course will deal with fundamental principles of English grammar, placing emphasis on troublesome features. Winter Sec. 1, 8:30, Jensen; Sec. 2, 9:30, Rowe. Two hours credit.

12. Grammar.—Continuation of course 11. Sections and teachers the same. Two hours credit.

15. Early American Writers Down to Cooper.—Autumn, 10:30. M. W. Two hours credit. Merrill.

16. New England Group of Writers.—Winter, 10:30. M. W. Two hours credit. Merrill.

17. Later American Writers.—Spring, 10:30. M. W. Two hours credit. Merrill.

18. American Poets.—A study of the principal contemporary American poets. Autumn, 1:30. Two hours credit. Osmond.

19. American Novelists.—A study of the principal contemporary American novelists. Winter, 1:30. Two hours credit. Osmond.

20. American Short-Story Writers.—A study of the principal contemporary American short-story writers. Spring, 1:30. Two hours credit. Osmond.

21. The History and Development of English Literature.—An outline of English Literature beginning with the Anglo-Saxon period. This course is a prerequisite for all other courses in English Literature. Autumn. Sec. 1, 8:30, Carroll; Sec. 2, 9:30, Two hours credit. Egbert.

22. The History and Development of English Literature.—A continuation of course 21. Winter. Sections, time, and teachers same as course 21. Two hours credit.

23. The History and Development of English Literature.—A continuation of course 22. Spring. Sections, time, and teachers same as course 22. Two hours credit.

Upper Division Courses

50. Newswriting.—A course in news gathering and writing. The campus and city will be the field of activity. Prerequisites, English 1, 2, and 3. Autumn, 2:30. Four hours credit. Merrill

***51. Editorial Writing.**—Editorials of the best newspapers and magazines will be studied. Practice in writing the editorial will be a feature of the instruction. Prerequisites English 1, 2, and 3. Winter, 2:30. Four hours credit. Merrill.

52. Feature Writing.—Newspaper feature stories will be studied and written. Prerequisites English 1, 2, and 3. Spring, 2:30. Four hours credit. Merrill.

53. Magazine Writing.—Practical work in writing various kinds of articles for magazines and newspapers. Religious articles suitable for publication in church magazines will receive attention. Autumn, 2:30, M. W. Two hours credit. Merrill.

57. Short Story Writing.—In this course the greater part of the student's time is given to practice in writing short stories. Prerequisite, English 4, or the consent of the teacher. Winter, 2:30. Four hours credit. Osmond.

59. Poetry.—A practical course in the various forms of verse-writing. Winter, 1:30. Two hours credit. Osmond. (Not given this year.)

60. Poetry.—A continuation of course 59. Spring, 1:30. Osmond. (Not given this year).

***61. Modern European Drama (Continental).** — Autumn, M. Th., F. 2:30. Two hours credit. Reynolds.

***62. Modern European Drama (English).**—Winter, M. Th., F., 2:30. Two hours credit. Reynolds.

63. Modern Drama (American).—Spring, M. Th. F. 2:30. Two hours credit. Reynolds.

***64. Philology.**—The history and development of words and their ways and the evolution of English grammar. Spring, 10:30. Four hours credit. Osmond.

65. The Romantic Poets.—Wordsworth and Coleridge. Autumn, 10:30. Two hours credit. Jensen.

66. Byron and Scott.—Winter, 10:30. Two hours credit. Jensen.

67. Shelly and Keats.—Spring, 10:30. Two hours credit. Jensen.

***68. The English Drama to 1642,** not including Shakespeare.—The beginnings and the development of the drama with special emphasis on the Elizabethan dramatists. Winter, 9:30. Four hours credit. Christensen.

***69. Milton.**—A study of the poetry and the more significant prose. Autumn, 1:30. Four hours credit. Christensen.

70. Medieval Literature.—This course is a general introduction to medieval European literature, with special reference to Middle English. The various types of literature will be studied, with emphasis placed on the romances, histories, lyrics, and fabliaux. Autumn, 9:30. Three hours credit. Christensen.

***71. Chaucer.**—In this course a number of the *Canterbury Tales* are read in class. The student is carefully drilled in Chaucer's pronunciation, and special attention is given to the interpretation of the text. Required of students who elect their major in English. Spring, 1:30. Four hours credit. Rowe.

***72. Shakespeare's Comedies.**—An intensive study of three or four plays. Autumn, 9:30. Four hours credit. Osmond.

***73 Shakespeare's Tragedies.**—In this course three of the plays are read and discussed in class. Time and attention are given to the appreciation as well as the understanding of the text. That the students may feel their beauty as well as understand their content, many of the finer selections are dramatized. Required of students who elect their major in English. Winter, 9:30. Four hours credit. Osmond.

***74. Shakespeare's Tragedies.**—A continuation of course 73. Spring, 9:30. Four hours credit. Osmond. This course is required.

***75. Victorian Poets.**—A study of the minor poets of the Victorian period, including Tennyson's minor poems. Autumn, M. Th. F., 10:30. Three hours credit. Reynolds.

***76. Tennyson's Major Poems.**—This course or 77 is required of students who elect their major in the English department. Winter, M. Th. F., 10:30. Three hours credit. Reynolds.

***77. Browning.**—This course or 76 is required of students who elect their major in the English department. Spring, M. Th. F., 10:30. Three hours credit. Reynolds.

79. Matthew Arnold.—A study of the poetry and prose with special reference to the author's philoso-

phical and critical works. Spring, 2:30. Two hours credit. Christensen.

***80. The History and Development of the English Novel.**—Autumn, 9:30. Four hours credit. Jensen.

***81. The Modern Novel.**—General reading and a critical analysis of representative novels. Winter, 9:30. Four hours credit. Jensen.

***84. The English Essay.**—A study of the origin and development of the essay. Contemporary essays will receive special attention. Spring, 9:30. Four hours credit. Jensen.

87. Old English.—Elements of Old English grammar and reading exercises. Winter, 1:30. Four hours credit. Christensen.

***88. Beowulf.**—The entire poem read in the original. A course in Old English is a prerequisite. Spring, 9:30. Five hours credit. Christensen.

89. The History of the English Language.—A study of the early forms of the English language and its development to the present time. A course in Old English, or the consent of the teacher, is a prerequisite. Spring, 1:30. Three hours credit. Christensen.

94. Types of Poetry.—A study of dramatic, epic, and lyric poetry. Autumn. 2:30. Two hours credit. Osmond.

FINANCE AND BANKING

Associate Professors Clark, Miller; Professor Swenson.

Lower Division Courses

14. Economic and Financial History of the United States.—The economic development of the United

States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization. Autumn. 9:30. Four hours credit. Miller.

17. Public Finance.—The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration. Spring, 8:30. Three hours credit. 8:30.

21. Commercial Law.—Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined. Autumn. 8:30. Four hours credit. Miller. (See Political Science 43.)

22. Commercial Law.—A study of the law governing Negotiable Instruments, emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter, and bailments. Reference will be made to the leading cases decided by the courts. Winter, 8:30. Four hours credit. Miller. (See Political Science 44.)

23. Commercial Law.—A study of the law governing relationships arising out of business association; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts. Spring. Four hours credit. Miller. (See Political Science 45.)

Upper Division Courses

51. Business Finance.—Financial and legal status of the various forms of business organization. A brief study of the agreements, pools, legal trusts, corporation and holding companies. Practical questions such as capital and income; sources and uses of funds; form of business associations; promotions; consolidations; capitalizations; investment of capital funds; disposition of gross earnings; betterment expenses; creation and distribution of surplus; insolvency and receivership; re-adjustment and re-organization. Economics 11 and 12, prerequisites. Autumn. 9:30. Four hours credit. Clark.

52. Business Finance.—Continuation of course 51. Winter. 9:30. Four hours credit. Clark.

53. Money and Banking.—A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. A study of the present-day currency and banking problems in the United States. Economics 11 and 12, prerequisite. Spring, 9:30. Four hours credit. Clark.

54. Investments.—A study of the various forms of investment; distinction between investment and speculation; methods of investment. Prerequisite, Finance and Banking 51. Spring. 9:30. Four hours credit. Clark. (Not given this year.)

75. Foreign Exchange.—This course considers briefly the inter-bank relations and domestic exchange. The main emphasis will be given to bills of exchange, import creditors, gold movements, etc. Spring. Four hours credit. Swenson. (Not given this year.)

FOODS AND NUTRITION

Assistant Professor Warnick, Miss Page, Miss Palfreyman.

The following courses are required of all students majoring in Foods and Nutrition: 21, 22, 23, 56, 57 Chem. 1, 2, 7. Chem. 1, 2, required of all students minoring in Foods and Nutrition.

Lower Division Courses

1. Elementary Food Preparation and Serving.—For girls who have not had high school cooking. Problems of food production, distribution and consumption will be considered. For the laboratory foods suitable for the breakfast will be prepared. Autumn, M. W. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Palfreyman.

12. Elementary Food Preparation and Serving.—Continuation of course 11 with emphasis on planning and serving of luncheons. Winter, M. W. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Palfreyman.

13. Elementary Food Preparation and Serving.—Continuation of course 11 and 12. Practical experience in planning and serving of formal and informal dinners. Spring, M. W. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Palfreyman.

21. Food Selection, Preparation and Serving.—Prerequisite, Chemistry 1 and 2. Special emphasis is placed on food production. The economy, the palatability, and the proper balance of meals are considered. Autumn. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Page.

22. Food Selection, Preparation and Serving.—Prerequisite, course 21. A continuation of course 21. with special emphasis on different types of meals.

Winter. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Page.

23. Food Selection, Preparation and Serving.—Prerequisite courses 21 and 22. A continuation of courses 21 and 22. Special emphasis is placed on formal table service. Spring T. Th. Lecture 2:30-3:30, Laboratory 3:30-5:30. Three hours credit. Cannon.

Note: Girls who have had no high school cooking will take laboratory from 8:30-10:30, T. Th. for Foods and Nutrition 21, 22, 23.

25. Elementary Nutrition.—A single study of the nutritive properties of common food materials and the essentials of an adequate diet. As this course is designed primarily for normal students, food for the school child will receive special attention. Autumn. T. Th. 10:30. Two hours credit. Page.

Upper Division Courses

51. Large Quantity Cookery.—Experience in management of school cafeterias, quantity cookery, marketing, keeping of cafeteria accounts. Prerequisites or parallels, courses 21, 22, 23, or equivalent. Students should register in the fall for a place during the year. Limited to 4 students each quarter. Autumn, Winter or Spring. Daily 10:30-12:30. Five hours credit. Warnick.

56. Nutrition.—Prerequisites, Chemistry 1, 2, 7, Foods and Nutrition 21, 22, 23. A study of the chemistry, digestion and metabolism of carbohydrates, fats, proteins and mineral salts, also the properties of food and their effect on health and growth. Autumn. M. W. F. 1:30. Three hours credit. Page.

57. Dietetics.—Prerequisite, course 56. A continuation of course 56 with a discussion of the latest work on vitamins and the deficiency diseases. The

food requirements of the family and individual are considered, special emphasis being placed on infant and child feeding. Winter. M. W. F., 1:30 and one three-hour laboratory period. Four hours credit. Page.

61. Nutrition in Disease.—Prerequisites, courses 56 and 57. The course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases. Spring. T. Th. 9:30. One three-hour laboratory period. Three hours credit. Page.

71. Investigation Cookery.—Prerequisites, courses 56 and 57. Preparation leading to research in Foods and Nutrition. Spring. Time and credit to be arranged. Page.

GEOLOGY AND GEOGRAPHY

Associate Professor Hayes, Assistant Professor Hanson.

GEOLOGY.

Lower Division Courses

Credit will not be allowed for both Geology and Geography 1 and 2.

1. Introductory Geology.—This course introduces the whole field of Geology and should be elected both by those desiring a general knowledge of the subject and those intending to major in the subject. Autumn. Daily. 9:30 and two Saturday field trips. Five hours credit. Hayes.

2. Historical Geology.—A course in the development of the earth and the forms of life that have inhabited it. Prerequisites, Geology 1, or Geography 1 and 2. Winter. Daily, 9:30 and some assigned laboratory work. Five hours credit. Hayes.

3. Structural Field Geology.—A course in the

recognition and interpretation of rocks, rock structures and deformations, on geological maps and in the field. Training in the making of geological maps and sections. Emphasis is laid on the influence of rock structures on the deposition of metal deposits and the accumulation of oil and water. Geology 1, prerequisite. Spring. M. T. W. Th. 9:30 and forty hours laboratory or field work during the quarter. Five hours credit. Hayes.

40. Water Resources.—A study of streams, springs and wells. Spring. Two hours credit. (Not given this year.)

Upper Division Courses

52. Mineralogy.—An elementary study of geometrical crystallography with a systematic study and determination of the more important non-silicate minerals, chiefly by blowpipe methods. Introductory to advanced courses in mineralogy and petrography. Chemistry 1 (or one unit of High School chemistry) is prerequisite; Descriptive Geometry is recommended. Autumn. T. Th. 10:30; Laboratory T. Th. 1:30 to 4:30. Four hours credit. Hansen.

53. Mineralogy.—An elementary study of the optical properties of crystals, with emphasis upon the polarizing microscope as an instrument of research. This is followed by a systematic study of the important silicate minerals and their determination by all available methods. Introductory to Petrography. Prerequisite, Geology 52, (An elementary knowledge of the physics of light, though not required, is strongly recommended.) Winter. T. Th. 10:30; Laboratory T. Th. 1:30 to 4:30. Four hours credit. Hansen.

54. Petrography.—A study of hand specimens and thin sections of the principal rock types and mineral deposits. Designed to give the student a working knowledge of the way minerals are associated in the

earth's crust, with special reference to their origin and mode of occurrence. Geology 53 is prerequisite; Geology 1 and Physics 43 are recommended. Spring. T. Th. 10:30. Laboratory T. Th. 1:30 to 4:30. Four hours credit. Hansen.

***55. Sedimentation.**—Lectures on the processes of sedimentation, supplemented by laboratory studies of unconsolidated sediments and sedimentary rocks with the idea of determining their origin and the conditions under which they are formed. Winter. M. W. F. 10:30. Three hours credit. Hayes.

62. Geology of the United States.—A thorough course in the stratigraphy of the United States by physiographic provinces. The materials published by the U. S. Geological Survey and the state surveys will be used. Autumn. M. W. F., 8:30. Three hours credit. Prerequisite, Geology 1 and 2. Hayes.

63. Geology of the United States.—Continuation of course 62. Winter. M. W. F., 8:30. Three hours credit. Hayes.

71. Invertebrate Paleontology.—A study of invertebrate life forms, of the parts that may be fossilized, and of the conditions under which plant and animal remains have been preserved; and deals with the collection and preparation of fossils and their identification. Autumn. T. Th., 8:30, and three hours laboratory work. Zoology 55 prerequisite. Three hours credit. Hayes.

***72. Stratigraphy and Fossils of the Wasatch.**—A course in the rocks and fossils of the Wasatch range giving the student experience in collecting and determining fossils and their age. Autumn. Eight hours field or laboratory work. Geology 71 prerequisite. Three hours credit. Hayes.

***91. Economic Geology—Non-Metals.** — The geo-

logic occurrence, economic importance and methods employed in mining the non-metallic mineral products such as coal, petroleum, gypsum, salts, etc. Attempts to evaluate these minerals in the United States and especially those in Utah. Suggests prospecting methods and the economic factors concerned in successful exploitation. Prerequisite, Geology 1. Winter. M. W. F., 10:30. Three hours credit. Hansen.

92. Economic Geology.—Metals.—A study of the economically important deposits of ores of the metals, their occurrence, formation, and relationships, the nature of ore magmas and ore bearing solutions. Spring. M. W. F., 10:30 and three field trips. Three hours credit. Prerequisites, Geology 1 and 52. Hansen.

***93. Ore Deposits of Utah.**—Intended to follow course 92. It deals with the genesis of the ores of Utah and their profitable extraction. Embraces a study of the mining districts of the state. Spring. T. Th., 9:30, and trips to Tintic, Bingham and Park City mining districts, the expense of which the student must meet. Three hours credit. Hayes (Not given this year.)

Graduate Courses

101. Research.—Under this course special problems in the field of Geology may be assigned to students prepared to do original work. Hours and credit to be arranged. Hayes.

110. Geology of Utah.—Intended for advanced or graduate students who already have a working knowledge of Geology. Deals with the geologic history of the state and its development into distinct provinces. A thorough study of its stratigraphy is made; type localities will be visited to study the formations and structures. Autumn, M. W., 10:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Hayes.

121. Index Fossils.—A course dealing with the fossils that mark the geologic periods in Utah. Prerequisites, Geology 2 and 71 or their equivalent. Spring. M., 10:30 and six hours laboratory work by arrangement. Three hours credit. Hayes.

GEOGRAPHY

Lower Division Courses

Credit will not be allowed for both Geology and Geography 1 and 2.

1. Advanced Physiography.—A general course in the agencies at work on the earth's surface and the forms developed by them. Winter. M. T. W. Th., 1:30 and three hours laboratory work. Five hours credit.

2. Advanced Physiography. — Continuation of course 1. Spring, M. T. W. Th. F., 1:30, and several field trips by arrangement. Four hours credit.

20. Meteorology.—The science of weather and the principles of weather forecasting. Autumn, T. Th., 1:30, and one to two hours a week of weather observation. Two hours credit. (Not given this year.)

30. Geography of Economic Products. — This course deals with the geographic and human factors that have governed the development and localization of industries. Autumn, Daily, 9:30. Five hours credit. Hansen.

31. Introductory Geography.—Course introducing all other work in the department. Deals with the fundamental principles of Geography whether political, historical, physiographic or economic. Autumn, M. T. W. Th., 10:30. Four hours credit. (Not given this year.)

Upper Division Courses

51. The Geography of Life.—Lectures and read-

ings on the factors that control the distribution and abundance of plants, animal and human life. A thesis on some assigned aspect of the subject. Spring, M. W. F., 10:30, and two all day field trips. Four hours credit. (Not given this year.)

***61. Geography of the United States.**—Geography 1 and 2 are prerequisites to this course. Autumn, M. W. F., 8:30. Three hours credit. (Not given this year.)

***80. Human Geography.**—The response man has made to his geographic environment. Deals more with man's modification and control of nature than with nature's effect on him. Winter, T. Th., 10:30, and some laboratory and field work. Three hours credit. Hayes.

Graduate Courses

100. Research.—Under this course special problems may be assigned students who are prepared to do original work in the field of Geography. Hours and credit to be arranged. Hayes. (Not given this year.)

111. Physiography of Utah.—Open to advanced students in Geography. Deals with the present surface forms of Utah and how they came to be developed. Spring, T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen. (Not given this year.)

ASTRONOMY

Upper Division Course

51. Descriptive Astronomy.—A course that deals with the fundamental laws that govern the heavenly bodies. It is especially intended to introduce students to the larger concepts of Nature. Of great value in the philosophy of Geology. Autumn, Daily, 9:30. Five hours credit. Hayes.

HISTORY

Professors Jensen, Snow; Assistant Professor Romney

Requirements for a Major in History

(A.) Students must present one of the following lower division groups of courses: History 1-3; 10-12; 20-22; 26-28; 30-32.

(B.) At least one advanced group of courses must follow a lower division group in the same field, chosen within one of the following sequences: (I.) History 1-3 followed by 70-72; (II.) 10-12 followed by 90-92; (III.) 20-22 followed by 95-97; (IV.) 26-28 followed by 80-82; (V.) 30-32 followed by 50-51 or 60-62.

Lower Division Courses

1. **History of Modern Europe 1500-1775.**—History 1, 2, and 3, represent a comprehensive, general survey of European and incidentally World history from 1500 to the present. The three quarters work furnish a necessary and important basis for any specialized or sequence courses in this field of investigation and should be taken consecutively if possible. History 1, covers the period from 1500 to 1775, and gives a rather broad conception of history as including leaders of thought and culture as well as developments in the field of politics and economics. Revolutionary changes in commerce, religion, science, philosophy and politics will be studied as a preliminary to the American and French Revolutions and their long range consequences. Autumn, 8:30. Four hours credit. Snow.

2. **History of Europe 1775-1871.**—Advancing science and knowledge came into conflict with conservatism and reaction resulting in revolutions in America and Europe. At Vienna 1815, reaction temporarily triumphs. How progress, democracy and nationality win over reaction 1815-1871, will conclude the second quarter's work. Winter. 8:30. Four hours credit. Snow.

3. History of Europe, 1871-1927.—The New Imperialism, the race of the nations for colonies and commerce, the formation of alliances and counter-alliances, the conflict of alliances and the World War—these great movements coupled with a view of the accompanying progress in culture and thought will be the basis of the survey in this course. Spring. 8:30. Four hours credit. Snow.

10. History of England to 1485.—The origins of English institutions; the beginnings of nationality; the Norman conquest and its results; feudalism in England; influence of Henry II. and Edward I.; parliamentary development of the 13th century; the beginning and development of popular rights; the rise of industrial and commercial classes; the Hundred Years War; the War of the Roses. Autumn, 1:30. Three hours credit. Romney.

11. History of England, 1485 to 1714.—England under the Tudors; constitutional reaction; the struggle of the Stuarts with the forces of Puritanism; the commonwealth and the protectorate; influences of Cromwell; the revolution of 1688; reign of Queen Anne. Winter. 1:30. Three hours credit. Romney.

12. History of England, 1714 to 1927.—The development of cabinet government; the wars with France; the Napoleonic struggles; the conditions leading to the American Revolution and the loss of the American colonies; the expansion of the British Empire; the political, social, religious, and economic reforms of the nineteenth century; the Irish question; Great Britain in the World War; problems since the War. Spring, 1:30. Three hours credit. Romney.

20. History of United States to 1789.—A study of the problems of discovery, exploration, and colonization; European conflicts for colonial possessions in America; causes, conflicts, and results of the American

Revolution; establishment of State governments; the "Critical Period" and its problems; the work of the Federal Constitutional Convention; ratification of the Constitution. Autumn, 2:30. Three hours credit. Jensen.

21. History of United States, 1789 to 1861.—The establishment of a national government; political theories of Federalists and Anti-Federalists; Jeffersonian democracy; the Second War with England; the "Rise of the New West;" formulation of the Monroe Doctrine, the Jacksonian "reign;" nullification; the Mexican War; economic, political, and moral phases of slavery. Winter, 2:30. Three hours credit. Jensen.

22. History of United States Since 1861.—The problem of secession; the military, political and economic aspects of the Civil War; problems of reconstruction; civil service reform; the Far West; Spanish-American War; the Philippine question; industrial and social problems; diplomacy and foreign relations; political parties and party activities; participation in the World War. Spring, 2:30. Three hours credit. Jensen.

23. Biographical History.—A study of the lives of some prominent Americans who have helped to influence and shape American history from colonial times to the present. Autumn, 8:30. Two hours credit. Jensen.

26. History of the Americas, 1492 to 1776.—Colonial America; America, the frontier of Europe; cation and reaction. The Spanish, Portuguese, French, Dutch, Swedish, and Danish colonies; expansion and international rivalry; colonial America on the eve of separation from Europe. Autumn, 10:30. Three hours credit. Snow.

27. History of the Americas 1776 to 1821.—The separation of America from Europe and the founding

of the American nations; the revolt of the English colonies and the founding of the United States; the founding of British Canada and the opening of the Northwest; the revolt of Hispanic America and the founding of the Hispanic American nations. Winter, 10:30. Three hours credit. Snow.

28. History of the Americas, 1821 to 1927.—The development of the American nations and international relations. A century of expansion; American neighbors north and south. Spring, 10:30. Three hours credit. Snow.

30. Early Oriental History.—This course deals with the most ancient civilizations of the world. A study is made of Egypt, Babylonia, Assyria, China, India, Arabia, Persia, the Hebrews, and other oriental races. Open to all students of college standing. The course will be helpful to students whose theological work deals with the Jewish scripture. Autumn, 9:30. Three hours credit. Romney.

31. Early Grecian History.—A study of early Grecian history covering the period from the very earliest time down to the Age of Pericles. A survey is made of the Minoan Age; the transition from the Minoan to Hellenic life; evolution of the city-state; Crete and Lacedaemon civilization; Athens from monarchy to democracy; conquest of Asiatic Greece; the wars with Persia and Carthage and the age of the war heroes. Winter. 9:30. Three hours credit. Romney.

32. Later Grecian History.—From the beginning of the Periclesan Age to the fall of Alexander's Empire. An extensive study is made of the Age of Pericles; the Peloponnesian wars; the Lacedaemonian Empire and the ascendancy of Thebes; Sicily and Magna Greece; the rise of Macedon; Alexander's Empire and the Hellenistic kingdoms. Spring, 9:30. Three hours credit. Romney.

Upper Division Courses

50. Early Roman History.—A history of the Roman people from the earliest times down to the fall of the Republic, dealing with the beginning of Rome, the origin and development of the Republic, the struggle with Carthage, the period of revolution, and the dictatorship of Caesar. Winter, 10:30. Three hours credit. Romney.

51. Later Roman History.—A study of the Roman world from the fall of the Republic to the overthrow of the Empire in the west, dealing with the growth of the Empire, its social, religious, administrative, and legal contributions to civilization; the barbarian migrations; the decline and fall of the Empire. Spring, 10:30. Three hours credit. Romney.

***60. Medieval History.**—The Church and the Barbarians; the rise and influence of Monasticism; the growth of the Frankish kingdom and the age of Charlemagne; the Normans as colonizers, with particular reference to their influence in the Mediterranean area; feudalism and its results. Autumn, 2:30. Three hours credit. Snow.

***61. Medieval History.**—The Church and the Empire; the rise and influence of Mohammedanism; the new Turk menace in the East; the Crusades. Winter, 2:30. Three hours credit. Snow.

***62. Medieval History.**—The cultural leadership of France in the 12th century; the emergence of towns and renewed interest in commerce; rise of universities; the conciliary movement and democracy; the growth of national states. Spring, 2:30. Three hours credit. Snow.

***70. Revolutionary Europe, 1789 to 1852.**—A study of the new forces of liberalism contributing to the French Revolution and greatly accentuated by the

catastrophic event. These forces are studied in their exaggerated form to 1815, and in their struggle against reaction and absolutism after that date to 1852. Autumn, 2:30. Three hours credit. Snow. (Not given this year.)

***71. Europe, 1852 to 1907.**—Exaggerated nationalism. A study of the new industrial revolution and the era of the benevolent Bourgeoisie. Russia, Germany, Italy, France, and Austria are studied in the light of the new forces at work. Also the Near Eastern question receives special attention. Winter, 2:30. Three hours credit. Snow. (Not given this year.)

***72. Europe Since 1907.**—A study of the new imperialism and its far reaching results in Asia, Africa, Australia, and South America; International relations, 1870-1914; (a) the Concert of Europe, (b) the Hegemony of Germany. (c) the balance of power; general and immediate causes of the World War; the progress and conclusion of the War. Spring, 2:30. Three hours credit. Snow. (Not given this year.)

***80. History of the West and the Ever Receding American Frontier.**—After a brief survey of European expansion in North America and international rivalry for the Caribbean area and the Atlantic tide water region, attention is given to the French in the heart of America and their eventful downfall at the hands of the English in 1763. Spanish expansion in the southwest and up the Pacific coast is given consideration. With this background and setting the American west and the significance of the frontier are given detailed study. Autumn, 3:30. Three hours credit. Snow.

***81. History of the West.**—The development and filling in of the Trans-Mississippi West and the acquisition of territory from Spain and Mexico to 1848. Winter, 3:30. Three hours credit. Snow.

***82 History of the West.**—Various aspects of the

frontier and the West in American politics. Western panaceas for economic ills, the cow counties, railroad activities, admission of omnibus states, disappearance of frontier in 1892. Spring, 3:30. Three hours credit. Snow.

***90. Constitutional History of England to 1845.**—A study of the origin and development of the English constitution; the royal prerogative and its theory; Magna Charta; development of the Norman-Angevin administrative system; growth of the common law; evolution of the judicial system and the jury; the origin of Parliament, its form, growth, and powers; its development under the later Angevins and Lancastrians; tenure and military service. Autumn, 8:30. Two hours credit. Jensen. (Not given this year.)

***91. Constitutional History of England, 1485 to 1688.**—Reconstruction of the government under the Tudors; position of the Council and Parliament: the national church and its control; development of powers of the justice of the peace; conflict between the "Divine Right," monarchy and parliament; the Petition of Right; impeachment and bills of attainder; constitutional changes under the Commonwealth and the Protectorate; the Restoration; the habeas corpus act; the dispensing power; struggle for constitutional rights under the later Stuarts; the Revolution of 1688. Winter, 8:30. Two hours credit. Jensen. (Not given this year).

***92. Constitutional History of England, 1688 to 1920.**—The Bill of Rights; supremacy of the law; Act of Settlement; Act of Union with Scotland; establishment and evolution of the cabinet; position of the prime minister; reactionary tendencies of George III; Act of Union with Ireland; Catholic emancipation act; growth of parliamentary government; reform acts of 1832, 1867, 1884, 1885, 1918; Parliament Act 1911; local government; constitutional relations with Ire-

land; constitutional relations with the colonies. Spring, 8:30. Two hours credit. Jensen. (Not given this year).

***95. American History to 1789.**—A study of colonial institutions and the constitutional relations between the colonies and the mother country; the problem of British imperialism; constitutional theories and principles involved in the Revolutionary struggle; problems of the Confederation; and the work of the Federal constitutional convention. Autumn, 2:30. Two hours credit. Jensen.

***96. American History from 1789 to 1861.**—A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation. Winter, 2:30. Two hours credit. Jensen.

***97. American History from 1861 to 1920.**—An examination of the theory of secession; constitutional aspects of the war power; the problem of reconstruction: questions relating to industrial and economic expansion, insular possessions, and the World War. Spring, 2:30. Two hours credit. Jensen.

Graduate Work

101. Research.—Open to properly qualified graduate students. Registration only after consultation. Hours and credit to be arranged. Jensen and Snow.

HORTICULTURE

Assistant Professor Morris

Students majoring in Horticulture are required to take the following: 1, 3, 4, 6, 51, 53, 57, 59. Botany 12 should be taken the first year.

Lower Division Courses

1. Principles of Pomology.—The principles underlying profitable orchard management. Profits will be emphasized. History of orcharding in the United States, methods of planting, selection of locations and sites, marketing, storage, harvesting, thinning, proper care of the trees. Autumn, M. W. F., 8:30, laboratory M. 2:30-5:30. Four hours credit.

2. Floriculture.—The growing of flowers for home and commercial purposes will be studied. Greenhouse operation will be an important feature. Autumn. T. Th., 9:30, laboratory W. Three hours credit.

3. Olericulture.—The underlying principles of home and commercial vegetable production. Production for better profits emphasized. Spring. M. W. F., 8:30, laboratory M., 2:30-5:30. Four hours credit.

4. Plant Propagation.—Sexual and asexual means of propagation studied, spores, seeds, grafting, budding, cutting, layering, separation. Winter. T. Th., 10:30, laboratory W., 2:30-5:30. Three hours credit.

5. Home Landscaping and Plant Materials.—Designing of city and country homes. Study of shrubs, flowers, trees and lawn grasses. Appreciation of natural beauty. Spring. T. Th., 9:30, laboratory T., 2:30-5:30. Three hours credit. Alternates with Horticulture 52.

6. Small Fruits.—A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and harvesting. Crops studied are

grapes, strawberries, raspberries, dewberries, blackberries, currants and gooseberries. Spring, T. Th., 10:30. Laboratory W., 2:30-5:30. Three hours credit.

Upper Division Courses

51. Origin and History of Cultivated Plants.—Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants. Winter, T. Th., 9:30. Two hours credit.

52. Principles of Landscape Design.—History of landscape architecture. Art in landscape gardening. The arrangement of buildings, walks, drives, planting of flowers, shrubs and trees. The following are studied: home and public grounds, village improvement, streets, parks, playgrounds, cemeteries. Spring. T. Th., 9:30, laboratory. T., 1:30-4:30. Three hours credit. Alternates with Horticulture 5. (Not given this year.)

53. Systematic Pomology.—Emphasis placed on identification of fruits and fruit trees. Wild and cultivated species studied. Development of varieties from species. Description and nomenclature. Autumn, T. Th., 10:30, laboratory, F., 2:30-5:30. Three hours credit.

54. Fundamentals of Fruit Production.—A technical course based upon plant physiology and morphology as applied to fruit production. Nutrition, water relations, winter injury, pollination problems, physiology of pruning, climatic factors will be studied. Winter. Daily, 8:30. Five hours credit.

55. Commercial Gardening.—A study of large scale production for canning factories, special and general markets. Autumn, T. Th., 8:30. Two hours credit. (Not given this year.)

56. Practical Problems in Horticulture.—A study of horticultural problems in Utah. Orchards and

plantations will be visited and studied. Spring. Laboratory course. Time to be arranged. One hour credit.

57. Plant Breeding.—A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection for the development of plant varieties, as practiced in Europe and America. Prerequisite, Genetics (given by Zoology and Botany departments.) Winter, M. W. F., 10:30. Three hours credit.

58. Diseases of Cultivated Plants.—See Botany 70. Students taking Botany 70 may get credit in Horticulture. Five hours credit.

59. Seminar.—A study of the research work being done at the various Experiment Stations. For seniors majoring in Horticulture. One hour credit. Time to be arranged.

Graduate Courses

101. Methods of Research.—Methods used in the investigation of horticultural problems. Study of published reports, outlining, methods of attack. Time and credit to be arranged. Morris.

102. Research.—Students who are qualified are required to do some horticultural research problems. Time and credit to be arranged.

HOUSEHOLD ADMINISTRATION

Assistant Professor Warnick, Associate Professor Larsen

Lower Division Courses

25. Household Problems.—This course will present the most important problems in the organization and management of the household, including a simple study of the family income and its expenditure. Open to housewives and to students not majoring in Home Economics. Winter. M. W. F., 9:30. Three hours credit. Warnick.

Upper Division Courses

51. Home Nursing.—Home care of the sick. Prerequisite, Botany 21. Autumn. T. Th., 8:30. Two hours credit. Warnick.

55. Child Care.—This course deals with problems of nutrition and hygiene of the mother, infant, and pre-school child. Physical and mental standards of normal development; agencies working for child welfare; home influences and the care and training of children. For students majoring in Home Economics, Zoology and Entomology 78 should precede or parallel the course. Winter. M. W. F., 8:30. Three hours credit. Warnick.

Note. Household Administration 51 and 55 are designed for teachers of home nursing and child care, yet will be of value to mothers and social workers.

61. Home Management.—The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools. Autumn. M. W. F., 8:30. Three hours credit. Warnick.

68. Home Planning and Applied Art.—Historic development of the house. Study of American styles of home architecture. Proper location and environment for the home. House planning, study of plans and specifications. Effect of form, line and color. Two recitations and one studio hour. Prerequisite Art 21. Winter. M. W. F., 1:30. Two hours credit. Larsen.

69. Home Planning and Applied Art.—Continuation of Household Administration 68. Home furnishing. Study of walls and wall finishes, floors and floor finishes, lighting, draperies, upholstering, furniture, pictures, bric-a-brac. Study of scale, color, texture, structural harmony and the proper use of ornament. Spring. M. W. F., 1:30. Two hours credit. Larsen.

71. Economics of the Household.—A study of the household in its economic and social relation, including a study of the family income and its expenditure. Prerequisites, Sociology 11 or Economics 11. Spring. T. Th., 8:30. Two hours credit. Warnick.

80. Methods—Methods of teaching Home Economics. Aims, organization of subject matter, lesson plans, course of study, equipment. Prerequisite, Secondary Teaching 51, for seniors majoring in Home Economics. Spring. M. W. F., 8:30. Three hours credit. Warnick.

Note. This counts toward a major in Foods and Nutrition or in Clothing and Textiles and is required of all students majoring in these departments.

LIBRARY

Miss Ollorton, Mrs. Gillespie, Mrs. Brown

11. Use of Books and Libraries.—The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis. Autumn, Winter or Spring. 3:30. Th. One hour credit. Ollorton.

MATHEMATICS

Professor Eyring, Associate Professor Marshall

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 13, 50, 51, 52, 71, 72.

Lower Division Courses

5. Shop Mathematics.—Belt and pulley speeds, gear ratio, taps, threads, building problems, etc. Autumn. Daily. Five hours credit.

11. Plane and Spherical Trigonometry.—The study of the trigonometric functions of angles and the solution of triangles, trigonometric equations and the theory and use of logarithms. The course is fully illustrated by practical problems. Autumn. 9:30. Daily. Freshman year. Five hours credit. Marshall.

12. College Algebra.—A brief review of high school Algebra; quadratic equations; permutations and combinations; determinations, eac. Winter. 9:30. Daily. Freshman year. Five hours credit. Marshall.

13. Graphical and Statistical Methods.—The graphical representation of data, method of averages measurement of variability, correlation, probable errors, etc. Spring. 9:30. M. W. F. Three hours credit. Eyring.

35. Mathematical Theory of Investments.—Application of Algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values and building and loan associations. Spring. 10:30. M. W. F. Three hours credit. Marshall.

Upper Division Courses

50. Analytic Geometry.—A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of coordinates, etc., with an introduction to differential calculus. Prerequisites: Mathematics 11 and 12. Autumn. 8:30. Daily. Five hours credit. Marshall.

51. Differential and Integral Calculus.—Continuation of 50. Functions and their graphical representation; differentiation, rate of change of a function: integration as the limit of the sum; definite integrals; expansion in series; indeterminate forms; partial differentiations; and multiple integration, with geometrical applications to areas and volumes and with

mechanical applications to attraction, moment of inertia, etc. Winter. 8:30, Daily. Five hours credit. Marshall.

52. Differential and Integral Calculus.—Continuation of 51. Spring, 8:30. Daily. Five hours credit. Marshall.

61. Definite Integrals.—The study of the properties and methods of computing definite integrals with applications of Physics and Geometry. Junior or senior year. Autumn, 8:30. Four hours credit. (Not given this year.)

***71. Differential Equations.**—The study of differential equations of the first order, linear differential equations, total and partial differential equations, with numerous applications to Physics. Junior or senior year. Autumn, 8:30. Three hours credit. Eyring.

***72. Differential Equations.**—Continuation of 71. Winter, 8:30. Three hours credit. Eyring.

86. Analytical Mechanics.—The general principles of mechanics; the statics and dynamics of particles, rigid bodies and fluids. Spring, 8:30. Four hours credit. M. T. Th. F. Eyring.

Graduate Course

101. Vector Analysis.—Fundamental operations of vector analysis and its application to mechanics and other branches of mathematical physics. Winter, M. W. F. Three hours credit. Eyring.

MECHANIC ARTS

Assistant Professor Snell, Mr. Bigelow

AUTO MECHANICS

Lower Division Courses

11. Elementary Auto Mechanics.—Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines. Drafting recommended as parallel course. Lectures and demonstrations twice a week. Autumn. Daily, 3:30-5:30. Three hours credit. Bigelow.

12. Elementary Auto Mechanics.—Construction and adjustment of carburetors and ignition systems. Winter. Daily, 3:30-5:30. Three hours credit. Bigelow.

13. Elementary Auto Mechanics.—Ignition, timing, "trouble shooting," battery work and starting and lighting systems. Spring. Daily, 3:30-5:30. Three hours credit. Bigelow.

14. Ignition.—Battery, vibrator, and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments. Daily. Credit given on the basis of three hours credit for ten hours application each week. Autumn. Bigelow.

15. Generators and Starting Motors.—The working principle of the dynamo, and testing for shorts and open circuits. Reverse current cut-outs, types of generator regulation as third brush control systems. Testing and adjustments of the generator output. Hours and credit as in 14. Winter. Bigelow.

16. Machine Work and Welding.—Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding. Hours and credit the same as in 14. Spring. Bigelow.

WOODWORK

11. Elementary Construction.—This course is designed (1) for the student who wishes training in the fundamental principles preparatory to pursuing this line of work, or (2) for the student who has had this training but wishes only a general course that will enable him to construct the simpler buildings, etc, in and around the farm and home, such as gates, fences and farm buildings. Attention is given to individual needs. Students should have had or should be taking drafting as a parallel course. Autumn. M. T. W. Th., 1:30-3:30. Two or three hours credit according to time. Credit given on the basis of three hours credit for 9 hours application each week. Snell.

12. Elementary Construction.—Winter. Continuation of 11. M. T. W. Th. Snell.

13. Elementary Construction.—Spring. Continuation of 12. Daily, 1:30-3:30. Snell.

21. Cabinet Construction.—This course is designed to teach the principles of cabinet construction. After the problem is chosen, drawings and blueprints are submitted and the article is made to conform to these. Training is given in the use of modern wood-working machinery. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and hard polishing. Credit given on the basis of three hours credit for 9 hours application each week. Prerequisite, Drafting, 13. Autumn. M. T. W. Th., 1:30-3:30. Snell.

22. Cabinet Construction.—Continuation of 21. Winter. M. T. W. Th. Snell.

23. Cabinet Construction.—Continuation of 22. Spring. M. W. F. 1:30-3:30. Snell.

Upper Division Courses

51. Carpentry.—This course deals with the theoretical side of building. Location, soil conditions, footings, materials, etc. Application of the steel square to framing. Outside and inside finish. Prerequisite, Drafting 13. Drafting 51 should be taken as a parallel course. Autumn. M. W. F. Time to be arranged. Three hours credit. Snell.

52. Carpentry.—Thorough drill in saw filing. Tool practice applied in practical problems growing out of carpentry 51. Fitting and hanging doors and windows, building in cabinets, stair construction and framing. Prerequisites, Carpentry 51 and Drafting 51. Winter. M. T. W. Th. 3:30-5:30. Three hours credit. Snell.

53. Estimating.—Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor for excavations, foundations, cement work, heating, plumbing, painting, etc. Permits, contracts, liens. Prerequisites, Drafting 63. Spring. M. W. F. Time to be arranged. Three hours credit. Snell.

61. Shop Work.—Under the supervision of the instructor, students may do advanced work, consisting of the erection of buildings, built-in work, fancy furniture, or novelty work. Complete plans and specifications must be submitted and accepted before work is begun. Prerequisite, Woodwork 51, 52, 53 or their equivalent. Time to be arranged. Credit given on the basis of three hours for nine hours of application each week during the quarter. Autumn. Snell.

62. Shop Work.—Continuation of 61. Time, credit, etc., as in 61. Winter. Snell.

63. Shop Work.—Continuation of 62. Time, credit, etc., as in 62. Spring. Snell.

MODERN AND CLASSICAL LANGUAGES

Professor Cummings, Associate Professor de Jong, Mr. Whetten.

French**Lower Division Courses**

1. **Elementary French.**—Designed for those who have had no French Pronunciation, easy reading, and the fundamentals of grammar. Autumn. 3:30. Five hours credit. Cummings.

2. **Elementary French.**—Prerequisite, French 1, or one year of French in high school. Reading, vocabulary building, and grammar drill. Winter. 3:30. Five hours credit. Cummings.

3. **Intermediate French.**—Prerequisite, French 2. Conversation based on a considerable amount of reading. Grammar drill. Spring. 3:30. Five hours credit. Cummings.

Upper Division Courses

54. **Advanced French.**—Prerequisite, French 3 or two years of French in high school or fifteen hours credit in French. Comprehensive study of grammar. Pronunciation drill. Conversation and composition based on reading. Autumn. 2:30. Three hours credit. Cummings.

55. **Advanced French.**—Prerequisite, French 54. Reading, conversation and composition. Winter. 2:30. Three hours credit. Cummings.

56. **Advanced French Reading.**—Prerequisite, French 55. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc. Spring. 2:30. Three hours credit. Cummings.

57. **Survey of French Literature.**—Prerequisite,

twenty-four hours of French. A general survey of French literature from the beginnings to 1715. Illustrative readings. Two hours credit. Cummings.

58. Survey of French Literature.—Prerequisite, twenty-four hours of French. A general survey of French literature of the eighteenth and nineteenth centuries. Illustrative readings. Two hours credit. Cummings.

61. French Composition and Conversation.—Prerequisite, fifteen hours of French and the consent of the instructor. Autumn. 2:30. Two hours credit. Cummings.

71. Modern French Novel.—Prerequisite, fifteen hours of French and the consent of the instructor. Winter. 2:30. Two hours credit. Cummings.

75. Modern French Drama.—Prerequisite, fifteen hours of French and the consent of the instructor. Spring. 2:30. Two hours credit. Cummings.

81. Contemporary French Civilization.—Open to all students. The life, customs, sciences, art, etc., of present day France. Lectures given in English. Outside reading may be done in English or French. Two hours credit. Cummings.

***91, 92, 93. Seminar in French.**—For advanced students. Each student pursues an individual problem in French language, literature or civilization. Especially designed for prospective teachers of French. Each course two hours credit. Any quarter. Cummings.

SPANISH

Lower Division Courses

1. Elementary Spanish.—Designed for those who have had no Spanish. Pronunciation, easy reading,

and the fundamentals of grammar. Autumn, 1:30. Five hours credit. Whetten.

2. Elementary Spanish.—Prerequisite, Spanish 1 or one year of Spanish in high school. Reading, vocabulary building, and grammar drill. Winter, 1:30. Five hours credit. Whetten.

3. Intermediate Spanish.—Prerequisite, Spanish 2. Conversation based on a considerable amount of reading. Grammar drill. Spring, 1:30. Five hours credit. Whetten.

Upper Division Courses

54. Advanced Spanish.—Prerequisite, Spanish 3 of two years of Spanish in high school or fifteen hours credit in Spanish. Comprehensive study of grammar. Pronunciation drill. Conversation and composition based on reading. Autumn, 8:30. Three hours credit. De Jong.

55. Advanced Spanish.—Prerequisite, Spanish 54. Reading, conversation and composition. Winter, 8:30. Three hours credit. de Jong.

56. Advanced Spanish Reading.—Prerequisite Spanish 55. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc. Spring, 8:30. Three hours credit. de Jong.

61. Spanish Composition and Conversation.—Prerequisite, fifteen hours of Spanish and the consent of the instructor. Two hours credit. de Jong.

71. Modern Spanish Novel.—Prerequisite, fifteen hours of Spanish and the consent of the instructor. Two hours credit. de Jong.

75. Modern Spanish Drama.—Prerequisite, fifteen hours of Spanish and the consent of the instructor. Two hours credit. de Jong.

81. Contemporary Spanish Civilization.—The life, customs, science, art, etc., of present day Spain and Spanish America. Lectures given in English. Outside reading in Spanish or English. Two hours credit. de Jong.

***91, 92, 93. Seminar in Spanish.**—Each student pursues an individual problem in Spanish language, literature, or civilization. Especially designed for prospective teachers of Spanish. Two hours credit for each course. Any quarter. de Jong.

GERMAN

Lower Division Courses

1. Elementary German.—Designed for those who have had no German. Pronunciation, easy reading, and the fundamentals of grammar. Autumn, 9:30. Five hours credit. de Jong.

2. Elementary German.—Prerequisite, German 1 or one year of German in high school. Reading, vocabulary building, and grammar drill. Winter, 9:30. Five hours credit. de Jong.

3. Intermediate German.—Prerequisite, German 2. Conversation based on a considerable amount of reading. Grammar drill. Spring, 9:30. Five hours credit. de Jong.

Upper Division Courses

54. Advanced German.—Prerequisite, German 3 or two years of German in high school or fifteen hours credit in German. Comprehensive study of grammar. Pronunciation drill. Conversation and composition based on reading. Autumn, 10:30. Three hours credit. de Jong.

55. Advanced German.—Prerequisite, German 54. Reading, conversation and composition. Winter,

10:30. Three hours credit. de Jong.

56. Advanced German Reading.—Prerequisite German 55. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc. Spring, 10:30. Three hours credit. de Jong.

57. Survey of German Literature.—Prerequisite, twenty-four hours of German. A general survey of German. Literature from the beginning to 1700. Illustrative readings. Two hours credit. de Jong.

58. Survey of German Literature.—Prerequisite, twenty-four hours of German. A general survey of German literature of the eighteenth and nineteenth centuries. Illustrative readings. Two hours credit. de Jong.

61. German Composition and Conversation.—Prerequisite, fifteen hours of German and the consent of the instructor. Autumn, 10:30. Two hours credit. de Jong.

71. Modern German Novel.—Prerequisite, fifteen hours of German and the consent of the instructor. Winter, 10:30. Two hours credit. de Jong.

75. Modern German Drama.—Prerequisite, fifteen hours of German and the consent of the instructor. Spring, 10:30. Two hours credit. de Jong.

81. Contemporary German Civilization.—Open to all students. The life customs, sciences, art, etc., of present-day Germany. Lectures given in English. Outside reading may be done in English or German. Two hours credit. de Jong.

***91, 92, 93. Seminar in German.**—For advanced students. Each student pursues an individual problem in German language, literature or civilization. Especially designed for prospective teachers of German. Each course two hours credit. Any quarter. de Jong.

LATIN**Lower Division Courses**

1. **Elementary Latin.**—Mastery of declensions and conjugations. Correlation of Latin originals with English derivatives. Autumn. 8:30. Five hours credit. Whetten.

2. **Elementary Latin.**—Easy reading and grammar. Winter, 8:30. Five hours credit. Whetten.

3. **Intermediate Latin.**—Reading and grammar. Spring. 8:30. Five hours credit. Whetten.

Upper Division Courses

54. **Advanced Latin.**—Prerequisite, Latin 3 or two years of Latin in high school. Comprehensive study of grammar. Reading and composition. Autumn. 1:30. Three hours credit. Cummings.

55. **Advanced Latin.**—Prerequisite, Latin 54. Readings from the classics. Composition. Winter, 1:30. Three hours credit. Cummings.

56. **Advanced Latin.**—Prerequisite, Latin 55. Readings from the classics. Spring, 1:30. Three hours credit. Cummings.

PHONETICS**Lower Division Course**

1. **Practical Phonetics.**—The elementary principles of speech mechanism in their relation to correct diction. This course correlates with courses in Dramatic Art, Public Speaking, and Vocal Music. Winter, 1:30. Two hours credit. Cummings.

MUSIC

Professor Jepperson-Madsen; Associate Professors Sauer, Robertson; Assistant Professor Madsen; Mr. Nelson
Mr. Hansen, Mr. McAllister, Mr. Booth, Mr. Fitzroy,
Mrs. Packard, Miss Jepperson, Mrs. Heaton,
Mrs. Whetten, Mr. Buggert.

The thirty hours of music credit required of those who major in music must include the following: Piano 3 hours, Harmony 6 hours, Solfeggio 4 hours, History and Appreciation 3 hours, Vocal Culture 3 hours, and Vocal or Instrumental Ensemble 6 hours. These requirements are subject to change where conditions warrant individual consideration.

Private courses are indicated by a hyphen and the letter p (-p) following the number of the course. In the instrumental division the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7 private piano, 3t-p means course 3 private trombone.

THEORY OF MUSIC

Lower Division Courses

1, 2, 3. **Solfeggio.**—Rudiments of music; intervals; diction; sight singing. Autumn, Winter, and Spring. Two hours credit each quarter. Madsen.

4. **Grammar.**—Fundamentals of music, terminology, notation, keys, rhythm, tempo, dynamics, signs, ornamentations, structure and form. Any quarter. Four hours credit. Madsen.

7,8,9. **Harmony.**—Intervals; primary and secondary triads; dominant seventh and ninth chords; diminished seventh chords; open harmony. Autumn, Winter and Spring. Three hours credit each quarter. Robertson.

10, 11, 12. **History.**—Alien musical systems, ancient and modern. Origin of musical instruments. Medieval and modern music. Demonstrations by

soloists and Victrola. Autumn, Winter, and Spring. Three hours credit each quarter. Madsen.

13. Public School Methods.—Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. Any quarter, three hours credit. McAllister.

14, 15, 16. Philosophy and Appreciation of Music.—A study of the important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values; the relation of music to society. Two hours credit. Madsen.

17, 18, 19. Correlative Composition.—A study of melody, harmony, counterpoint and invention in composition. Three hours credit. Madsen.

Upper Division Courses

51, 52, 53. Solfeggio.—Prerequisite Theory of Music 1, 2, and 3. Training in advanced sight singing. Two hours credit each quarter. Madsen.

54, 55, 56. Harmony.—Second Year Harmony Prerequisite, Theory of Music 7, 8, and 9. Modulation secondary seventh and altered chords; non-harmonic tones; modern harmony. Three hours credit each quarter. Robertson.

60, 61, 62. Form and Analysis.—Prerequisite Theory of Music 7, 8, 9, 54, 55, and 56. Study of musical form, from the sections to the sonata form; harmonic analysis. Autumn, Winter, and Spring. Two hours credit each quarter. Madsen.

63, 64, 65. Counterpoint.—Prerequisite Theory of Music 7, 8, 9, 54, 55, and 56. Strict counterpoint in the various species; free counterpoint; double counterpoint. Autumn, Winter and Spring. Two hours credit each quarter. Madsen.

66, 67, 68. Canon and Fugue.—Prerequisite Theory of Music 63, 64, and 65. Autumn, Winter and Spring. Two hours credit each quarter. Madsen.

69. Instrumentation.—Prerequisite, Theory of music 7, 8, and 9. Arranging in solo, duet, trio, and quartet form. Autumn, two hours credit. Madsen.

70. Instrumentation.—Prerequisite, Theory of Music 7, 8, 9, and 69. Study of orchestra instruments and arranging for orchestra. Winter. Two hours credit. Madsen.

71. Instrumentation.—Prerequisite, Theory of Music 7, 8, 9, 66, and 67. Study of band instruments and arranging for band. Spring. Two hours credit. Sauer.

76. Public School Methods.—Special technique of instruction and materials for the junior and senior high school. Class demonstration and supervised teaching. Winter. Two hours credit. Hanson.

80. School Music Supervision.—A course designed to prepare music teachers to supervise music in grades and high schools; outlining of work to be done; building and conducting school orchestras and bands. Spring. Two hours credit. McAllister.

84, 85, 86. Philosophy and Appreciation of Music.—Continuation of courses 14, 15, 16. Two hours credit. Madsen.

INSTRUMENTAL MUSIC

Lower Division Courses

1, 2, 3, 4, 5, 6. Band.—Admission by consent of director. Daily, Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

7, 8, 9, 10, 11, 12. Orchestra.—Admission by consent of director. Daily, Winter, and Spring. One hour credit each quarter. Robertson.

13, 14, 15-p. The Art of Accompanying.—Training and supervised practice in the art of accompanying on the piano and organ, privately or in groups. Time and tuition to be arranged with the instructor. Autumn, Winter, and Spring. One hour credit each quarter. Nelson.

1, 2, 3p-p. Piano.—Study of the scales in different rhythms and touches; Czerny, Op. 299, Book IV; Mendelssohn's "Songs Without Words," etc. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Jepperson, Heaton and Whetten.

4, 5, 6p-p. Piano.—Scales in double thirds, fourths and sixths; "Cramer-Bulow Studies"; and classical compositions. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Jepperson, Heaton, and Whetten.

7p-p. Piano Ensemble.—The fundamentals of ensemble playing and the playing of duets at one and two pianos. Autumn, Winter or Spring. One hour credit. Nelson.

8p-p. Sight Reading.—Four, six, and eight hand arrangements. Autumn, Winter or Spring. One hour credit. Nelson.

9p-p. Piano Ensemble.—More difficult ensemble pieces and public rendition of same. Autumn, Winter or Spring. One hour credit. Nelson.

10p-p. Piano Pedagogy.—Methods and problems of piano teaching in the elementary grades. Autumn, Winter or Spring. One hour credit. Nelson.

11, 12, 13p-p. Piano Methods.—Lectures and demonstrations. The application of child psychology and pedagogy to music study and teaching. Autumn, Winter, and Spring. One hour credit each quarter. Hanson, Fitzroy.

14, 15, 16p-p. Piano Normal Training.—Practical experience for prospective teachers. Pupils are assigned to the student who teaches under supervision. Autumn, Winter, or Spring. One hour credit each quarter. Hanson, Fitzroy.

1, 2, 3v-p. Violin.—Hohman, books I and II; Sevcik, Elementary Studies; Sitt, Op. 32, book I; Wohlfahrt. One hour credit each quarter. Autumn, Winter, and Spring. Robertson, Booth.

4, 5, 6v-p. Violin.—Hohman, books III and IV; Sitt Op. 32 book II; Kayser studies; Mazas, Op. 36; Schradiek; Dont Op. 37; Solos in the various positions. One hour credit each quarter. Robertson, Booth.

1, 2, 3c-p. Cornet.—Rudiments of music; mouth and lip positions; tone production; correct breathing and fingering. Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

4, 5, 6c-p. Cornet.—Intervals; slurs; syncopation; the triplet; the double dot; marks of abbreviation and expression. Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

1, 2, 3b-p. Baritone.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. Bassoon.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. Bass (Tuba).—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

11, 12, 13, 14, 15, 16c-p. Clarinet.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer, Madsen.

1, 2, 3d-p. Drums and Timpani.—Autumn, Winter and Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. Flute.—Autumn, Winter, and Spring. One hour credit each quarter. Nelson.

11, 12, 13, 14, 15f-p. French Horn.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. Oboe.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ.—Autumn, Winter, and Spring. One hour credit each quarter. de Jong.

1, 2, 3, 4, 5, 6s-p. Saxophone.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass.—Autumn, Winter and Spring. One hour credit each quarter. Sauer.

1, 2, 3, 4, 5, 6t-p. Trombone.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola.—Autumn, Winter, and Spring. One hour credit each quarter. Booth, Robertson.

21, 22, 23, 24, 25, 26v-p. Violoncello.—Autumn, Winter, and Spring. One hour credit each quarter. Buggert.

Upper Division Courses

51, 52, 53, 54, 55, 56. Concert Band.—Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music. Autumn, Winter, and Spring. Daily. One hour credit each quarter. Sauer.

57, 58, 59, 60, 61, 62. Concert Orchestra.—Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments. Autumn, Winter, and Spring. One hour credit each quarter. Robertson.

51, 52, 53p-p. Piano.—Czerny "School of Virtuoso"; Bach, "Three Part Inventions"; Sonatas; and

a concerto. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, and Jepperson.

53, 54, 55p-p. Piano.—Bach, "Well Tempered Clavichord"; Beethoven, Sonatos; a concerto and a public recital. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hansen, Fitzroy, and Jepperson.

60, 61, 62p-p. Piano Normal Training.—Piano teaching in the higher grades demonstrated and practiced. Autumn, Winter, and Spring. One hour credit each quarter. Hanson, Fitzroy.

51, 52, 53v-p. Violin.—Fiorillo: Dancla, Op. 73 Kreutzer; deBeriot; "The Art of Bowing," Tarini; scales, arpeggios, technique of the bow, double stops, Sevcik; advanced solos. Autumn, Winter, and Spring. One hour credit each quarter. Robertson, Booth.

54, 55, 56v-p. Violin.—Fiorillo; Dancla, Op. 73 Dont, Op. 35; Rhode; Beach; concertos; one public recital. Autumn, Winter, and Spring. One hours credit each quarter. Robertson, Booth.

51, 52, 53c-p. Cornet.—Technique; muscular control, artificial fingerings; sight reading; the turn, shake trill, grace note; and difficult exercises. Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

54, 55, 56c-p. Cornet.—The art of phrasing and expression; velocity playing; trumpet calls; tranposition; difficult exercises and the interpretation of standard solos and cadenzas. Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

61 62, 63, 64, 65, 66c-p. Clarinet.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer, Madsen.

61, 62, 63, 64, 65, 66o-p. Organ. — Autumn, Winter, and Spring. de Jong.

63p-p. Piano Pedagogy.—Prerequisites, 1 to 6p-p, and 10p-p. Methods and problems of piano teaching in the higher grades. Spring. One hour credit. Nelson.

51, 52, 53,t-p. Trombone.—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

71, 72, 73, 74, 75, 76v-p. Violoncello. — Autumn, Winter, and Spring. One hour credit each quarter. Buggert.

78, 79, 80-p. The Art of Accompanying.—Technical study of the principles of artistic accompanying. Privately or in groups. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen, Nelson, Hanson.

VOCAL MUSIC

Lower Division Courses

1, 2, 3, 4, 5, 6-p. Vocal Culture.—Private or in groups. Autumn, Winter, and Spring. One or two hours credit each quarter. Jepper-Madsen, Madsen, McAllister, Packard.

7, 8, 9, 10, 11, 12. Mixed Chorus.—Open to inexperienced singers. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen.

13, 14, 15, 16, 17, 18. Ladies Glee Club.—Open to inexperienced singers. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen.

13, 14, 15, 16, 17, 18. Male Glee Club.—Open to inexperienced singers. Autumn, Winter, and Spring. Daily. Two hours credit each quarter. Madsen.

21, 22, 23-p. Group Vocal.—Training in teaching vocal music in the school and studio. Repertoire and

expression. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen.

Upper Division Courses

51, 52, 53, 54, 55, 56-p. **Vocal Culture.**—Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, McAllister, Packard.

57, 58, 59, 60, 61, 62. **Mixed Chorus.**—Admission by consent of director. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen.

63, 64, 65, 66, 67, 68. **Ladies Glee Club.**—Admission by consent of director. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen.

63, 64, 65, 66, 67, 68. **Male Glee Club.**—Admission by consent of director. Autumn, Winter, and Spring. Daily. Two hours credit each quarter. Madsen.

81, 82, 83, 84, 85, 86. **Opera and Oratorio.**—Admission by consent of director. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen.

87, 88, 89, 90, 91, 92. **Chamber Society of Vocal Art.**—Practice in solo, duet, trio, quartet and other forms of vocal art. Autumn, Winter, and Spring. One hour credit each quarter. Jepperson-Madsen.

42. **Phonetics.**—(See Phonetics 1 in Department of Modern and Classical Languages.) Winter. One hour credit.

OFFICE PRACTICE |

Professor Holt, Mrs. Roberts, Mr. Johnson

Lower Division Courses

11. **Shorthand.**—Principles of shorthand writing

according to the Pitman system. Autumn. Daily, 10:30. Four hours credit. Johnson.

12. **Shorthand.**—Continuation of course 11. Winter, 10:30. Four hours credit. Johnson.

13. **Shorthand.**—Continuation of course 12. Spring, 10:30. Four hours credit. Johnson.

14. **Advanced Shorthand.**—Dictation work. Special attention will be given to reporting forms, and to the development of skillful writers. Autumn, 10:30. Three hours credit. (Pitman) Holt; (Gregg) Roberts.

15. **Advanced Shorthand.** — Continuation of course 14. Winter, 10:30. Three hours credit. Holt and Roberts.

16. **Advanced Shorthand.**—Continuation of course 15. Spring. M. W. F., 10:30. Three hours credit. Holt and Roberts.

21. **Typewriting.**—Touch typewriting, according to standard methods. Autumn, Winter or Spring. Six hours a week. Two hours credit. See instructors for time. Johnson, and Assistants.

22. **Typewriting.**—Course 21 continued. Autumn, Winter or Spring.

23. **Typewriting.**—Course 22 continued. Autumn. Winter or Spring.

24. **Advanced Typewriting.**—Autumn, Winter, Spring. Daily. Two hours credit. Johnson and Assistants.

31. **Business English.**—The substance and style of business English; clearness in sentences; correctness of dictation; force in sentence structure; force in diction; the paragraph. Business forms and usages; the standards of business usage; the mechanical form of the letter, official and social; remittances; tele-

grams and cablegrams; the essential qualities of business letters; claims and adjustments; the various kinds of letters; filing systems. Autumn, Sec. I, 8:30, Sec. II, 10:30. Three hours credit. Holt, Roberts.

32. Business English.—Continuation of course 31. Winter. Three hours credit. Holt, Roberts.

33. Business English.—Continuation of course 32. Spring. Three hours credit. Holt, Roberts.

38. Office Management and Methods.—The principles and methods of organization and administration of clerical forces. Office short-cuts in handling routine discussed and demonstrated. Visits made to well organized local offices. The Stenographic Bureau of the institution will be used as a laboratory. Winter, 9:30. Four hours credit. Johnson.

40. Secretarial Practice.—A combination laboratory and lecture course involving a correlation of advanced dictation, stenographic practice, and secretarial procedure with subject matter from a wide range of American business activity. Prerequisite, Office Practice 11, 12, 13. Spring, M. W. F., 9:30. Three hours credit. Johnson.

PHILOSOPHY OF EDUCATION

Professors Woodward, Nuttall, Merrill, Swenson;
Associate Professor Nelson

Lower Division Courses

1. Elementary Education.—See Elementary Teaching 1.

33. Theory and Method of Self Development.—The course is designed for Sophomores and especially second-year Normals. It aims to help the student understand the theory and method involved in building his or her own "Temple of Character". It is a course

in self-improvement. The discussions will cover the philosophic background of character building, a careful analysis of the capacities and powers and vital energies with which the student has to work and the method of employing these in the process of self-development. Winter and Spring, M., W., 9:30. Two hours credit. Woodward.

36. Introduction to the Scientific Study of Education.—The aim of this course is to give the students an idea of the function of the school as a social institution to aid them in the selection of a specific curriculum which will best meet their educational needs. General school problems and facts about education which should be known by every intelligent citizen will be discussed. Autumn. M. W. F., 10:30. Three hours credit. Woodward. (Not given this year).

Upper Division Courses

***72. Community Organization and Leadership.**—(See Sociology 51). Swenson.

74. Rural Sociology.—(See Sociology 53.) Nelson.

81. Science of Education.—This course should be preceded by a course in General, or Educational Psychology. A consideration of the fundamental problems of educational theory and practice; the aims, standards and contents of education. A study of the principles of determining educational values. A summary of the psychological investigations that have been made relevant to the principal school subjects. An introduction to the scientific methods of measuring the results of teaching. This course must precede or be taken in connection with Secondary Training. It should be taken during the junior year. Autumn and Spring., 8:30. M. W. F. Four hours credit. Woodward.

83. Secondary Education. — (See Secondary Teaching 53.)

***84. Educational Sociology.**—(See Sociology 61.) Swenson.

***85. Philosophy of Nature.**—The course deals with a brief survey of the evolution of philosophical thought; the place of philosophy in the solution of problems of modern civilization; with the problem of reality as set forth in various forms of materialism, dualism, and idealism; with the problems of singularism and pluralism. Considerable time is spent upon the problems of self and the status of values. Two hours credit. Woodward.

86. History of Education.—A discussion of the educational theories and practices of the Greek, Roman, and Mediaeval periods of history. Emphasis will be placed upon the following topics: The rise and growth of Christian education, the rise of universities, the renaissance, the development of science and the scientific methods, and the more recent and contemporary development of educational theory and practice. Knowledge of European history presupposed. Winter. M. W. F., 10:30. Three hours credit. Woodward. (Not given this year).

***87. Philosophic Ethics.**—This course will consist of a brief treatment of the evolution of ethical thought. The principal philosophical problems underlying ethical theory will be discussed. These are: materialistic versus purposive evolution, the nature of the self, the status of values. "Are we masters of our own fates?" immortality, monism and pluralism, and democracy and the moral order. This course, and 88 with which it alternates, is designed to meet the state requirements in Ethics. "Truths by Which We Live," by Hodson, Will be used as a text. Autumn. T. Th., 8:30. Two hours credit. Woodward.

***88. Social Ethics.**—This course deals with ethical theory as applied to our industrial and social problems,

the present conflict in moral and ethical ideals, the meaning of democracy, the ethics of modern business, the breakdown of Puritan ethics, individualism and Christian ethics, the problems of capital and labor, Bolshevism and reaction. "Introduction to Social Ethics," by Mecklin, will be used as a text. Winter. M. W. F., 8:30. Three hours credit. Woodward.

***89. Character Education.**—This course considers education as training for social efficiency, and the school as one of several agencies for such training. It discusses the moral significance of the various studies and activities of the school, direct and indirect moral instruction and moral training. Alternates with course 137. Winter. T. Th., 8:30. Two hours credit. Woodward.

***92. Vocational Education.**—This course will deal with the aims and needs of vocational education; how this type of educational activity answers the demand of society; the place it should fill in the schools today; the types of vocational training that should be fostered under western conditions; the principles governing the determination of the curriculum; the aid extended by state and federal governments. Autumn. Four hours credit. Merrill.

***99. Philosophy Seminar.**—This course is intended for advanced students only. It deals with such problems as Reality, The Self, Immortality; etc. Registration is possible only by consent of the instructor. Class meets once each week. Time is to be arranged. One hour credit. Winter and Spring. Woodward.

Graduate Courses

137. Philosophy of Education.—Lectures, readings, and discussions. Education will be studied as a social agency in relation especially to other factors at work in a democratic society. The general topic will be a consideration of the aims and methods appropri-

ate to a system of education in a democratic society such as ours. There will be considered in this course such fundamental problems as the relation of the individual and society, subject and object, knowledge and action, the physical and moral. Three hours credit. Woodward.

143. Education and Nationalism.—The development of national systems of education in western Europe and America. This course offers a survey of the part which education has played in the development of modern nationalities. Comparative study will be made of the essential features of the most important modern educational means for the attainment of political ends, and colonial educational policies. The part which education may play in the reconstruction of nations, will be considered. Two hours credit. Woodward.

144. Philosophy as Applied to Education.—The course deals with the fundamental philosophies of modern times and their bearing and influences upon educational systems in Europe and America. Two hours credit. Spring. Woodward.

147. Research work in Philosophy of Education.—Students may be given from two to four hours credit on presentation of a satisfactory thesis on an assigned topic, embodying the results of independent work. The consent of the instructor is necessary before registering. Autumn, Winter or Spring. Woodward.

148. Thesis Work.—The work of this course is largely individual research. The material and the problems studied will be in connection with the master's thesis. Ability to think independently and organize is a prerequisite. Time to be arranged. From four to eight hours credit, depending upon the problems. Woodward.

150. Graduate Seminar in Education.—Each alternate Monday from 7:00 to 9:00 P. M.

PHYSICAL EDUCATION

Professor Roberts, Dr. Oaks, Dr. Merrill, Assistant
Professor Hart, Miss Jeppson, Mr. Leaf

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous exercises in the form of games, gymnastics and competitive athletics is offered. Instruction in personal hygiene is given in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take Physical Education 11, 12 and 13. Upperclassmen are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required courses in Physical Education.

The department also offers professional courses which are designed to prepare teachers in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Lower Division Courses

11. Elementary Physical Education.—This course is designed for and required of Freshmen students. It will include games, athletics, gymnastics, dancing, personal hygiene talks, health interviews, hikes, rec-

reational activities, etc. Autumn, Three periods each week. One hour credit. Women's sections at 9:30, 10:30, 2:30. Men's sections 10:30, 3:30 and 4:30. Roberts, Jeppson, and Hart.

12. Elementary Physical Education.—Continuation of Physical Education 11. Winter.

13. Elementary Physical Education.—Continuation of Physical Education 12. Spring.

14. Advanced Physical Education.—Prerequisite: Physical Education 11, 12, 13. This course will embrace instruction in more advanced types of physical educational activities including gymnastics, apparatus exercises, dancing, etc. Required of students majoring in Physical Education. Autumn., Two periods a week at 2:30. One hour credit. For men and women. Roberts.

15. Advanced Physical Education.—Continuation of Physical Education 14. Winter.

16. Advanced Physical Education.—Continuation of Physical Education 15. Spring.

21. Physical Education for Grade Teachers.—This course is designed to prepare students taking the Normal Training course for the teaching of gymnastics, games, folk dancing, rhythmic exercises, etc., to the children in grade school. Methods of planning and conducting exercise periods will be taught and abundant opportunity for practice in teaching under expert supervision will be given. The course will deal also with the common physical asymmetries to be found among school children and how to detect and treat these defects. A study will be made of school furniture and school work as to their effects upon the growing child. Every student will be expected to train one month during the recess periods of the training school. Required of all Normals. T. Th., 3:30. One hour credit. Jeppson.

22. Physical Education for Grade Teachers.—Continuation of course 21. One hour credit. Jeppson.

26. Elementary Folk Dancing.—This course will offer instruction in the elementary types of folk and national dances. Autumn. Two periods each week. 9:30. One hour credit. Required of women majoring in Physical Education. Jeppson.

27. Elementary Folk Dancing.—This will be a continuation of Physical Education 26. Winter. Two periods each week. 9:30. One hour credit. Required of women majoring in Physical Education. Jeppson.

28. Elementary Folk Dancing.—This will be a continuation of Physical Education 27. Spring. Two periods each week. 9:30. One hour credit. Required of women majoring in Physical Education. Jeppson.

31. Elementary Interpretative Dancing.—This course will offer instruction in the fundamentals of grace and rhythm. Autumn. Two periods each week. 2:30. One hour credit.

32. Elementary Interpretative Dancing.—Continuation of Physical Education 31. Winter. Two periods each week. 2:30. One hour credit.

33. Elementary Interpretative Dancing.—Continuation of Physical Education 32. Spring. Two periods each week. 2:30. One hour credit.

Upper Division Courses

51. Athletic Coaching and Directing—Foot Ball.—This course is designed to prepare students for the coaching of foot ball. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc. Required of all men majoring in Physical Education. Autumn. Three periods each week. 2:30. Two hours credit. Hart.

52. Athletic Coaching and Directing—Basket Ball Wrestling, and Boxing.—This course is designed to prepare for the coaching of basket ball, wrestling and boxing. Students will be thoroughly drilled in these athletic sports and will be taught methods of teaching and coaching them. A large part of the work will deal with diet of athletes and the best methods of getting them into condition for competition. Required of all men majoring in Physical Education. Winter. Three periods each week. 2:30. Two hours credit. Hart and assistants.

53. Athletic Coaching and Directing—Track, Field, Base Ball, and Tennis.—This course will deal with the technique of training for the various events in track and field athletics, base ball and tennis. Methods of conducting field meets and tournaments will be taught and the students given experience in assisting in coaching. Required of all men majoring in Physical Education. Spring. Three periods a week. 2:30. Two hours credit. Hart.

54. Athletics for Women.—A coaching course in minor sports including field hockey, soccer, and archery. Required of women majoring in Physical Education. Autumn. M. W. F., 4:30. Two hours credit. Jeppson.

55. Athletics for Women.—Continuation of course 54. Coaching in volley ball, catch ball, and basket ball. Required of women majoring in Physical Education. Winter. M. W. F., 4:30. Two hours credit. Jeppson.

56. Athletics for Women.—Continuation of course 55. Coaching in track, base ball and tennis. Required of women majoring in Physical Education. Spring. M. W. F., 4:30. Two hours credit. Jeppson.

58. Swimming.—This course will deal with instruction in swimming, diving, life-saving, swimming games, and competition in various form of aquatic

sport. Required of all students majoring in Physical Education. Winter. M. W. F. One hour credit. Leaf.

59. Swimming.—Continuation of Physical Education 58. Spring. M. W. F. One hour credit. Leaf.

61. Advanced Interpretative Dancing.—This course will offer instruction in dance technique and various interpretative dance forms. Autumn. Two periods each week. 8:30. One hour credit.

62. Advanced Interpretative Dancing.—Continuation of Physical Education 61. Winter. Two periods each week. 8:30. One hour credit.

63. Advanced Interpretative Dancing.—Continuation of Physical Education 62. Spring. Two periods each week. 8:30. One hour credit.

71. Play and Game Supervision.—This course will deal with the theory and practice of play and game supervision. A thorough study of the educational, social, physical and hygienic values of play will be made. During the Autumn quarter the play activities of the first few years of a child's life will be studied and methods of supervising these activities will be taught. Required of all students majoring in Physical Education. Autumn. Three periods each week. 8:30. Three hours credit. Jeppson.

72. Play and Game Supervision.—Prerequisite Physical Education 71. This course is a continuation of Physical Education 71. It will deal with the play activities of the period of later childhood. Required of all students majoring in Physical Education. Winter. Three periods each week. 8:30. Three hours credit. Jeppson.

73. Play and Game Supervision.—Prerequisite: Physical Education 71 and 72. This course is a continuation of Physical Education 72. A study will be made of the play needs of older children and the best

methods of meeting these needs. During this course a thorough study of playgrounds will also be made which will cover playground equipment, surfacing, management, etc. Required of all students majoring in Physical Education. Spring. Three periods each week, 8:30. Three hours credit. Jeppson.

74, 75, 76. Social and Recreational Leadership.—For description of course see Theology 74, 75, 76.

77, 78, 79. Scoutcraft.—For description of course see Theology 77, 78, 79.

81. Advanced Folk Dancing.—This course will include a study of the more complex and difficult forms of folk and national dancing. Autumn. Two periods each week. 10:30. One hour credit. Required of all women majoring in Physical Education. Jeppson.

82. Advanced Folk Dancing.—Continuation of Physical Education 81. Winter. Two periods each week. 10:30. One hour credit. Required of all women majoring in Physical Education. Jeppson.

83. Advanced Folk Dancing.—Continuation of Physical Education 82. Spring. Two periods each week. 10:30. One hour credit. Required of all women majoring in Physical Education. Jeppson.

91. Applied Anatomy and Kinesiology.—Prerequisites: Physical Education 11, 12, 13, 14, 15, 16 and a good college course in physiology. This course will take up the anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Careful examination of gymnastic and athletic exercises will be made with reference to their effect upon the function and structure of the body. A study of the physiology of exercise will also be made. Required of all students majoring in Physical Education. Autumn. Five periods each week. 10:30. Five hours credit. Roberts.

92. Pedagogy of Physical Education.—Prerequisite, Physical Education 91. This course will deal with a study of the various gymnastic systems, methods of gymnastic teaching, content of exercise periods, arrangement of exercises, methods of commanding and directing, etc. This course will be helpful to all teachers in elementary and high school. Required of students majoring in Physical Education. Winter. Four periods each week. 10:30. Four hours credit. Roberts.

***93. Physical Education Administration.**—This course will deal with the organization and administration of departments of physical education and athletics in high school and college and the proper balancing of the various activities associated with these departments. The course is designed for Physical Directors, School Principals, Recreational Directors, etc. Required of all students majoring in Physical Education. Open to all graduates. Spring. Four periods each week. 10:30. Four hours credit. Roberts.

PHYSICS

Professor Eyring, Associate Professor Marshall

Lower Division Courses

Students who expect to study medicine, engineering, chemistry, or who are planning to major in the department of Physics should begin their study of physics by electing courses 41, 42, and 43.

Non-science students may elect with profit courses 11, 12, 13, or courses 31, 32, and 33, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation for his physical environment.

Students majoring in physics, have the following courses prescribed: Physics 41, 42, 43, 87, and some sequence such as Physics 56, 57, 75, 77, 78, 88, 89, or Physics 65, 66, 67,

68, 69, 70, 86. Courses 88 and 89 are especially recommended for students who plan to be high school teachers.

11. Elementary Physics.—Selected topics in heating and mechanics designed to acquaint students with the physical nature of things. Two lecture table demonstrations and one laboratory period per week. Autumn. Lecture, T. Th., 10:30. laboratory M. W., 3:30-5:30. Three hours credit. Without laboratory work, two hours credit. Eyring.

12. Elementary Physics.—Continuation of 11. A first course in sound and accoustics, designed for students of music and dramatic art, but open to any student who may be interested in this subject. Winter. Lecture T. Th., 10:30; laboratory M. W. 3:30-5:30. Three hours credit. Without laboratory two hours credit. Eyring.

13. Elementary Physics.—Continuation of 12. Selected topics in light and electricity. Spring. Lecture T. Th., 10:30. Laboratory M. W., 2:30-5:30. Three hours credit. Without laboratory two hours credit. Eyring.

31. Household Physics.—A first course in the elements of mechanics and heat especially adapted to the needs of students of home economics. The laboratory work will consist of projects in the mechanics of household machinery, in the principles of the home plumbing, in heating, ventilating, etc. Autumn. Two lectures, T. Th., at 10:30 and one two-hour laboratory period a week. Three hours credit. Eyring.

32. Household Physics.—A first course in the elements of sound. Continuation of course 31. The laboratory work consists of projects in the construction of musical instruments, in the principles of acoustics, etc. Winter. Two lectures. T. Th., at 10:30 and one two-hour laboratory period a week. Three hours credit. Eyring.

33. Household Physics.—A first course in the elements of electricity and light. Continuation of 32. The laboratory work will consist of a study of the construction of household electrical appliances and the fixtures and of projects in their repair, home lighting, etc. T. and Th. at 10:30 and one two-hour laboratory period a week. Three hours credit. Eyring.

41. General Physics—Mechanics and Sound.—This course and courses 42 and 43 are more advanced than Physics 11, 12 and 13. They constitute a general College course in physics. The completion of this general course will satisfy the requirements in physics for engineering and medical students; and it is a prerequisite for all the more specialized courses in physics. Freshman or Sophomore year. Daily, 1:30 to 3:30. Five hours credit. Marshall.

42. Electricity.—Continuation of 41. Winter. Daily, 1:30 to 3:30. Five hours credit. Marshall.

43. Heat and Light.—Continuation of 42. Spring. Daily, 1:30 to 3:30. Five hours credit. Marshall.

Upper Division Courses

56. Molecular Physics and Heat.—Kinetic theory of gases, theory of Brownian movements, methods of measuring molecular magnitudes, laws of thermodynamics and their application to gases, osmotic pressure, change of state, etc. Prerequisites, Calculus and Physics 41, 42, 43. Winter. M., W., 10:30. Three hours credit. Eyring and Marshall.

57. Experimental Physics.—Molecular Physics and Heat.—Measurements of specific heat of gases; density, depression of the freezing point, and raising of boiling point of different solutions, etc.; viscosity of liquids and gases, high temperatures. Prerequisite, Physics 56. Winter. Two hours credit. Marshall.

65. Electricity and Magnetism.—General princi-

ples of magnetism, and electro-magnetism. Static electricity, direct and alternating currents. J. J. Thompson's "Electricity and Magnetism" will be used for reference. Prerequisites, Calculus and Physics 41, 42, 43. M., W., 3:30. Autumn. Two hours credit. Marshall. (Not given this year).

66. Electricity and Magnetism.—Continuation of 65. M., W., 3:30. Winter. Two hours credit. Marshall. (Not given this year).

67. Experimental Physics, Electricity and Magnetism.—Use of potentiometers, adjustment and use of sensitive galvanometers, calibration of ammeters and voltmeters, accurate measurements of resistance, measurements of earth's magnetic field, etc. This course should be taken in connection with course 65. Prerequisites, Physics 41, 42, 43. Th. and F., 3:30. Autumn. Two hours credit. Marshall. (Not given this year.)

68. Experimental Physics.—Electricity and Magnetism. Continuation of 67. Th. and F., 3:30-6:30. Winter. Two hours credit. Marshall. (Not given this year.)

69. Radio Instruments and Measurements.—A study of the properties of oscillatory circuits, and the thermionic vacuum tube as a detector, amplifier, and oscillation generator. Prerequisites, Physics 66 and 67. Lecture. T. Th., 8:30. Spring. Two hours credit. Eyring. (Not given this year.)

70. Experimental Physics, Radio Instruments and Measurements.—Laboratory work designed to accompany Physics 69. Two two-hour laboratory periods per week; time to be arranged. Spring. Two hours credit. Eyring and Marshall. (Not given this year.)

75. Experimental Optics.—During the first part of the course experiments outlined in Taylor's Manual

of Optics will be performed, and during the last part special work with the echelon and concave grating will be given. Lecture M. W., at 10:30. Laboratory M. F. from 3:30 to 6:30. Autumn. Four hours credit. Eyring and Marshall.

77. Sound.—Advanced course in sound and the theory of vibrating systems. Such topics as vibrating systems, resonators and acoustic filters, sound transmission and radiation, and acoustics of auditoriums will be discussed. Spring. M. W. 10:30. Two hours credit. Eyring.

78. Experimental Physics, Sound.—Laboratory work designed to accompany Physics 77. Two hours credit. Time to be arranged. Spring. Eyring.

86. Analytical Mechanics.—Fundamental equations of mechanics and their application to physical problems. Prerequisites, Calculus and Physics 41, 42, 43. M. T. Th. F., 8:30. Spring. Four hours credit. Eyring.

87. Laboratory Arts. — Glassblowing, frilling grinding, and polishing; hard and soft soldering; silvering glass; and other miscellaneous processes connected with the construction and use of apparatus in physical laboratory. Autumn, Winter or Spring. T. and Th. 3:30 to 6:30. Two hours credit. Eyring and Marshall.

88. Development of Physics.—Designed to acquaint the prospective teacher with the historical development and modern trend of Physics. Autumn. T. and Th., 8:30. Two hours credit. Eyring. (Not given this year.)

89. Development of Physics.—Continuation of 88 Winter. T. and Th., 8:30. Two hours credit. Eyring. (Not given this year.)

91. Seminar.—A meeting of the instructors in physics and interested students for the review of current literature of the subject. No credit.

Graduate Courses

101. Theories of Modern Physics.—A general survey of such topics as 'The Principle of Relativity,' 'The Quantum Theory,' 'The Structure of the Atom,' etc. Autumn. T. Th. Two hours credit. Eyring or Marshall.

102. Electron Theory.—Continuation of electricity through gases, thermionic and photoelectric phenomena, electron theory of electric conduction and thermoelectric currents, etc. Winter, T. Th. Two hours credit. Eyring or Marshall.

103. Quantum Theory and Atomic Structure.—Origin and development of the quantum hypothesis and its application to molecular physics, photoelectricity, and optics. The Bohr atom and other atomic and molecular models, etc. Spring. T. Th. Two hours credit. Eyring or Marshall.

110. Research.—Credit in proportion to the work done and the problem solved. Eyring and Marshall.

POLITICAL SCIENCE

Professor Jensen, Associate Professor Miller

Lower Division Courses

10. National Government of the United States.—An examination of the historical development of the American government; origin and growth of the Constitution; constitutional rights of the citizen; a detailed study of the executive, legislative, and judicial departments of the national government. This course should be elected in the Freshman year by all who intend to major in Political Science, to be followed in the

Winter quarter by Political Science 11. Autumn, 10:30. Four hours credit. Jensen.

11. State and Local Government in the United States.—The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislation, and judicial branches of state government. Winter, 10:30. Four hours credit. Jensen.

12. Political Parties and Party Government.—A study of the organization and methods of action of political parties in the United States; the development of the party system; convention and direct primary systems; the party system in leading European countries. Spring, 10:30. Four hours credit. Jensen.

15. The Constitution of the United States.—This course deals with the history and development of the Constitution of the United States. A study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government. Two hours credit. Winter, 8:30. Jensen.

43. Commercial Law.—Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer or title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined. Autumn, 8:30. Four hours credit. Miller. (See Finance and Banking 21.)

44. Commercial Law.—A study of the law governing Negotiable Instruments, emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter, and bailments. Reference will be made

to the leading cases decided by the courts. Winter, 8:30. Four hours credit. Miller. (See Finance and Banking 22.)

45. Commercial Law.—A study of the law governing relationships arising out of business associations; Agency, Partnerships, and Corporations will be studied by an examination of the leading cases decided by the courts. Spring, 8:30. Four hours credit. Miller. (See Finance and Banking 23.)

Upper Division Courses

***50. Principles of Political Science.**—This course aims to present a systematic study of the principles of political science. It deals with the scope and methods of political theory; the origin, basis, and nature of the state; sovereignty; the structure and province of government; citizenship and nationality. This course should be taken by all who major in Political Science. Autumn. 9:30. Four hours credit. Jensen. (Not given this year.)

***56. American Political Theories.**—A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government. Two hours credit. Spring, 8:30. Jensen.

***63. Municipal Government.**—A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration. Among the subjects treated in their relation to municipal government are: the history of municipal growth, public improvements, finances, home rule, legal status, politics, and municipal ownership. Spring. 9:30. Four hours credit. Jensen. (Not given this year.)

***73. Comparative Constitutional Government.**—A study of the organization and operation of the governments of England, France, Italy, Germany, Switzerland, and Russia. Attention is also given to some of the new European governments. Four hours credit. Autumn, 9:30. Jensen.

***80. International Law.**—A study of the sources, principles, and sanctions of international law; the history of international law; the law of peace, war, and neutrality. Attention is given to the problems growing out of the World War, and to the resulting modifications of international law. Four hours credit. Winter, 9:30. Jensen.

***81. The Conduct of American Foreign Relations.**—A detailed study of the nature of the American foreign relations power; the manner in which this power is organized; its position under international law; and an analysis of the constitutional limitations under which it operates. Four hours credit. (Not given this year.)

***82. History of American Foreign Policy.**—This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement. Four hours credit. Spring, 9:30. Jensen.

***90. Constitutional Law of the United States.**—A study of the nature of American constitutional law; function of the judiciary in enforcing constitutions; division of powers between the United States and the protection of persons accused of crime; due process and equal protection of the law; police power, taxation, eminent domain; law impairing obligation of contract; regulation of commerce, money, banking, and bankruptcy; ex post facto and retroactive laws; jurisdiction of federal courts. Winter, 9:30. Four hours credit. Jensen. (Not given this year.)

Graduate Course

101. Research.—Open to properly qualified graduate students. Registration only after consultation. Hours and credit to be arranged. Jensen.

PSYCHOLOGY

Professor Poulson, Assistant Professor Dusenberry

Suggestions as to Courses.—Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests:—Psychology 12, 25, 70, 74, 78, 79, 101, and 102.

Business Interests:—Psychology 12, 58, 59, 70, and 78.

Educational Interests:—Psychology 70, 74, 76, 78, 79, and 110. For fulfilling State Board requirements, see the instructor for various appropriate combinations of educational psychology courses.

Psychology Major:—Credit must include not less than ten quarter hours selected from Psychology 70, 74, 78, 91, 92, 93, 101, 102, 103, and 105. Before the end of the junior year courses in general zoology, human physiology, general physics, and statistical methods should have been taken if possible.

Lower Division Courses

11. General Psychology.—An introductory study of mental activity covering in a general way the whole field of modern psychology. The work each week will include not less than one hour devoted to simple experiments and demonstrations. Autumn. Daily, 2:30. Winter. Daily. 9:30. Five hours credit. Poulson.

12. Elementary Experimental Psychology.—A simple laboratory course intended to supplement and

further clarify the work of Psychology 11 or 21, one of which courses should either parallel or precede this course. Repeated each quarter. Laboratory six hours each week. Time to be arranged. Two hours credit. Poulson.

21. Elementary Educational Psychology. — A general introductory consideration of child nature and the application of psychological principles to the problems of teaching in the elementary school. An opportunity is afforded in Psychology 12 to supplement the work of this course by simple laboratory experiments. Repeated each quarter. Section I, 9:30. Section II, 10:30. Four hours credit. Dusenberry.

25. Psychology of Effective Study.—An applied course based on the psychological laws of economical learning designed especially to help freshmen who desire to improve their habits of study. Repeated Autumn and Winter. T. 3:30. One hour credit. Poulson.

Upper Division Courses

51. General and Applied Psychology for Teachers.—A special course for advanced students who do not have the prerequisites for the regular courses offered in advanced educational psychology. The required reading of the course will be based chiefly on Gate's Psychology for Students of Education and Starch's Educational Psychology, Parts I and II. When possible this course should be supplemented by Psychology 75, 76, 77, or 78. Spring. Daily. 2:30. Five hours credit. Poulson.

58. Psychology of Advertising.—A study of the psychological principles underlying effective advertising, notably attention, feeling, association, memory, suggestion, reasoning and action. Prerequisite, Psychology 11 or its equivalent. Winter. M. W., 2:30. Two hours credit. Poulson.

59. Psychology in Salesmanship and Vocations.—Applications of psychology to salesmanship, vocational selection, and personnel problems. Uses of psychological tests in industry. Prerequisite, Psychology 11 or its equivalent. Winter. T. Th. 2:30. Two hours credit. Poulson.

70. Social Psychology.—A study of mental life as conditioned by the social environment. Habit, impulse, and intelligence in relation to social conduct. Nature and development of personality. Development and psychological significance of social institutions. Important educational implications of social psychology. Prerequisite: Psychology 11 or its equivalent. Three hours credit. (Not given this year.)

74. Psychology of Learning.—This is an advanced course in an important phase of educational psychology. Rather detailed consideration will be given the experimental literature bearing upon the various principles of economical learning. Prerequisite: Psychology 11 or its equivalent. Autumn. M. W. F., 10:30. Spring. M. W. F., 9:30. Three hours credit. Poulson.

***75. Psychology of Learning School Subjects.**—The study of laws and conditions of learning in their specific applications to the various school subjects. Each student will be given the opportunity of making a special study of the psychological investigation of the elementary or secondary-school subject which represents his major interest. Prerequisite: Psychology 11 or its equivalent. Autumn. T. Th. 10:30. Two hours credit. Poulson.

76. Experiments in Educational Psychology.—Laboratory experiments intended especially to supplement and further clarify the work of Psychology 51, 74 or 78 one of which courses should either parallel or precede this course. Repeated each quarter. Labora-

tory six hours each week. Time to be arranged. Two hours credit. Poulson.

***77. Psychology of Adolescence.**—This course is especially adapted to help furnish practical teachers and community leaders with a more intelligent understanding of human nature as exhibited in boys and girls during the period of adolescence. Prerequisite: Psychology 11 or its equivalent. Autumn T. Th. 11:30. Spring. T. Th., 9:30. Two hours credit. Poulson.

***78. Mental Tests.**—History, theory, and technique of intelligence testing. Various types of tests and the manner of determining their validity. Scientific interpretation of test results. Students who complete this course may receive supervised training in the actual giving of psychological tests by registering for Psychology 76 and indicating their desire in this respect. Prerequisite: Psychology 11 or its equivalent. Autumn. M. W. F. 8:30. Three hours credit. Poulson. (Alternates yearly with Psychology 101.)

***79. Psychology of Childhood.**—A specialized course dealing with the mental development of the normal child, mental hygiene problems of the pre-school child especially, and the recognition and proper educational treatment of dull and gifted children. This course should usually follow Psychology 78. Prerequisite: Psychology 11 or its equivalent. Winter. M. W. F. 8:30. Three hours credit. Poulson. (Alternates yearly with Psychology 102.)

***80. Psychology of Religion.**—A consideration of some of the most important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisites: Psychology 70 or 77. Spring. T. Th., 11:30. Two hours credit. Poulson.

***91, 92, 93. Seminar in Psychology.**—Recent and current literature in theoretical and experimental psy-

chology will be reviewed. Prerequisite: At least ten hours of credit in psychology. Autumn. Winter. Spring. Time to be arranged. One hour credit each quarter. Poulson.

Graduate Courses

101, 102. Advanced General Psychology.—A general review of the field and a comparative study of various contemporary systems of psychology. Prerequisite: At least ten hours of credit in psychology. Three hours credit each quarter. (Alternates yearly with Psychology 78 and 79. Not given this year.)

103. Advanced Experimental Psychology.—A course designed to give students some preliminary training for independent research in psychology. Prerequisites: Psychology 11 or its equivalent and senior or graduate classification. Winter. Lecture T., 8:30. Laboratory six hours each week. Time to be arranged. Three hours credit. Poulson.

105. Special Topics in Psychology.—This course provides for the individual or group study by advanced students of certain important topics in psychology which are not specifically organized into courses. In selecting the topic each year the interests and needs of the students will be consulted. Prerequisite: The consent of the instructor. Spring. Probably M. W. F. 8:30. Two or three hours credit. Poulson.

110. Thesis in Psychology.—Research work in the preparation of an acceptable Master's thesis. Prerequisites: At least ten hours of upper division and graduate credit in psychology including Psychology 76 or 103. Also a course in statistical methods. Three to five hours credit. Poulson.

PUBLIC SPEAKING AND DRAMATIC ART

Professors Pardoe, Cummings, and Osmond

Students majoring in this department are required to furnish two years in a foreign language, Phonetics 42, Physics 11 and 12; six hours of Public Speaking; and Dramatic Art 11, 12, 13, 14, 15, 61, 62 and 65p.

PUBLIC SPEAKING**Lower Division Courses**

1. Principles of Speech.—The elements of speech proper carriage and simple outline of speeches constitute the major portion of this course. The overcoming of selfconsciousness, and the ability to feel at ease is one of the most important problems developed to a profitable conclusion. Autumn. M. W. F., 9:30. Three hours credit. Pardoe.

2. Open Forum Discussion.—Encouragement and practice in extemporaneous speech and application of speech principles to debatable material. Winter. M. W. F. Three hours credit. Pardoe.

3. Speech Analysis.—The study of masterpieces and models of speech composition. Practice in delivery and analysis. Much of this course is planned for platform practice, extemporaneous and impromptu. Each student must try out in one or more of the Student Body forensic activities. Spring. M. W. F., 9:30. Three hours credit. Pardoe.

5. Advanced Debate—A course to give intensive training preparatory for inter-collegiate debating. Winter. Hours by appointment of debating council. Two hours credit.

****8p-9p-10p. Psychology of Public Speaking.**—Individual analysis of personal strengths and defects, to augment better qualities and to overcome detrimental habits.

42. Practical Phonetics.—A course prescribed for all majoring in Public Speaking. Given to aid students to acquire a better understanding of English diction and language dialect. Cummings. (See Department of Modern Languages and Latin. Phonetics 1.)

Upper Division Courses

63. An Augmented Course of Public Speaking.—Special assignments made for term preparation. Winter. M. W. F. Three hours credit. Pardoe.

64. An Intensive Study of Speech Analysis.—Special assignments made for term preparation. Spring M. W. F. Three hours credit. Pardoe.

DRAMATIC ART

11. Elementary Elocution.—Fundamental principles of speech arts. Thought analysis and methods of expression constitute major portion of course. A special class will be organized for normal students and pertinent reading problems emphasized. Autumn. T. W. Th. F. 8:30. Four hours credit. Sec I ———— Sec. II. Pardoe.

12. Classical Literature.—An application of the elements of reading to great scenes of classical literature. Voice and body technique are scientifically treated with relation to their importance to the art of interpretation. Winter. T. W. Th. F. Four hours credit. Section I ————; section II, Pardoe.

13. Dramatic Monologue.—Special attention given to the dramatic monologue and soliloquy. The ability to protect thought analysis without losing the spirit of selection is given special attention. Spring. M. W. F., 8:30. Three hours credit. Section I ———— Section II, Pardoe.

14. Interpretative Literature.—A study of thought and emotion with relationship to printed page. Charac-

ter delineation forms great portion of work. American authors given special consideration. Courses 11, 12, and 13 prerequisites. Autumn. M. W. F., 10:30. Three hours credit. Pardoe.

15. Dialogue and Scene Presentation.—The great scenes from Shakespeare, Dickens, Tennyson, Bulwer Lytton, Goldsmith and Sheridan form basis of course. Character analysis and presentation. Winter. M. W. F., 10:30. Three hours credit. Pardoe.

16. Representative Dialect.—A study of such various dialects as afford opportunity for comparative phonetics. Dialect as an element of humor. Spring. M. W. F., 10:30. Three hours credit. Pardoe.

Upper Division Courses

61. Impersonation.—An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation and can qualify in courses 1, 2, 3, 11, 12, 13, 14, and 15, are eligible. Public recitals form good portion of practice work. Autumn and Winter. M. W. Th., 1:30. Six hours credit. Pardoe.

62. Methods of Teaching Dramatic Art and of Play Production.—A course given to better analyze literature, which best offers opportunity for oral delivery and dramatization. Part of time to comparison or readings adapted to silent reading and those most adequate for oral expression. Lectures given by members of the department of Psychology. Selection of material for various grades of the High School, given special attention. The staging of one act plays comprise portion of course. Students of the course will assist with major productions of the University. Winter and Spring. M. W. Th. Six hours credit. Time to be arranged. Advanced students only. (See Secondary Teaching 68.) Pardoe.

****65p-66p-67p. Relationship of Emotions to Dramatic Technique.**—This course given only to advanced students and deals with gesture technique and its relationship to emotions. Elementary psychology a prerequisite. One hour credit each recitation a week during a quarter. Pardoe.

71. Vocal Interpretations of Shakespeare.—(See English 65.) Osmond.

****Courses having p following the number are private work and require special fees. Given only to students majoring in the subject, or who have marked ability. One hour credit for each recitation a week during a quarter.**

SECONDARY TEACHING

Professors A. N. Merrill, Nuttall, Woodward, Eastmond,

Roberts, Pardoe; Associate Professors Sudweeks, Nelson; Assistant Professors Madsen, Warnick, Lambert, Secondary Training School Faculty

Upper Division Courses

51. Organization, Administration, and Teaching in Secondary Schools.—This course is designed to include a study of methods of teaching in high school, necessary as a prerequisite for practice teaching; and a study of the organization and administration of high schools as outlined in the certification requirement of the state. Courses 51, 52, or 53 may each be taken but credit in all three these will be required for those desiring credit in practice teaching and recommendation to the State Board of Education for certification. In course 51 emphasis will be placed on methods of teaching in high school. Autumn or Winter. 10:30. T., Th. Two hours credit. Merrill.

52. Organization, Administration, and Teaching in Secondary Schools.—Continuation of course 51. In this course emphasis will be placed on the problems of

subject matter and curriculum organization. Autumn or Winter. 10:30, T. Th. Two hours credit. Woodward.

53. Organization, Administration, and Teaching in Secondary Schools.—Continuation of course 52. During this course special attention will be given to the problems of high school organization and administration. Spring. 10:30, T. Th. Two hours credit. Woodward.

54. Secondary Teaching.—This is a course in practice teaching under supervision. Each student before receiving credit in the course will make a critical study of one good book on the special methods of teaching his major subject. Approximately 80 hours of participation and responsible class room teaching will be required, but success in the course will be determined by the quality of the work done, not by the number of hours teaching. The students begin by performing the simpler routine tasks of the class-room and preparing the assignments made to the pupils. They will be permitted to assume responsibility as rapidly as they show ability to do so. A certain minimum of responsible teaching in full charge of the class is required. Each student will train in his major subject unless special arrangements are made for training in other lines. A student must have had advanced Psychology and Philosophy of Education 81 as prerequisites to this course. Secondary Teaching 51, 52, and 53, are to be taken as parallel courses. Before a student is registered he must present from his major professor a statement that his scholarship is sufficiently high to justify his teaching the subject. Hours must be arranged with the Supervisor of Secondary Training before registering. Eight hours credit, four hours in each two quarters. Merrill, Lambert, and Secondary Training School Faculty.

55. Junior High School Organization and Teach-

ing.—This course will deal with the most vital problems in the organization and methods of teaching in the junior high school. The functions, the objectives, the curricula and courses of study, and technique of teaching on this level will be given special consideration. Students will have the opportunity of observing in the Secondary Training School. Autumn. Two hours credit. Merrill. (Not given this year).

58. Art Supervision.—Two hours credit. (See Aat 85). Eastmond.

63. Methods of Teaching Agriculture.—A practical course in the application of principles and methods to the teaching of Agriculture. Intended to accompany or supplement Secondary Teaching 51 and 54. For advanced students who are preparing to teach Agriculture. Prominence will be given to consideration of Smith-Hughes standards and requirements. Autumn. 8:30, T. Th. Two hours credit. Sudweeks.

64. Methods of Teaching Music.—Three hours credit. (See Theory of Music 77). Madsen.

66. Principles of Gymnasium Teaching.—Five hours credit. (See Physical Education 93). Roberts.

67. Methods of Teaching Home Economics.—Spring. Two hours credit. (See Household Administration 80). Warnick.

68. Methods of Teaching Dramatic Art and Play Production.—(See Dramatic Art 62). Pardoe.

***69. Measurements of High School Teaching.**—A study of tests, scales, etc. now available for use in high school subjects, also a study of the use of intelligence tests in diagnosing and grading students. Some practice will be given in giving and scoring tests, interpreting results, and planning remedial teaching. Open to advanced students only. Spring. Time to be arranged. Four hours credit. Sudweeks.

81. Science of Education.—This course is required of all students in education who expect to qualify for high school state certification and should be taken during the junior year. Autumn and Spring. 9:30. Four hours credit. Woodward. (See Philosophy of Education 81).

***92. Vocational Education.**—(See Philosophy of Education 92).

***94. Educational and Vocational Guidance.**—In this course a survey will be made of the development in the field of vocational guidance. It will include a consideration of the principles of vocational guidance; early vocational experience as a feature in determining the choice of an occupation; equipment and method of a vocational counsellor; the school as a vocational guidance center; modification of the high school curriculum to facilitate vocational choice; type of reading which will lead to proper vocational adjustment; placement as a function of the schools, relation of vocational guidance to industrial education. Winter. 9:30. M. T. W. Th. Four hours credit. Merrill.

***95. Rural Education Surveys.**—(See Sociology 54). Nelson.

Graduate Courses

101. Special Problems in High School Curriculum with Special Reference to Utah Schools.—In this course, a careful analysis will be made of the subject matter and student activities now required of students in the different phases of work in the high schools of Utah. The students will investigate the high schools of their special interests for the purpose of ascertaining the nature of the curriculum that is at present being administered, and comparing this with the latest thought in the field of curriculum making. Spring. Four hours credit. Merrill.

102. Problems in Part-time Education.—This course deals with the methods and problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis and course organization. Hours to be arranged. Two hours credit. Merrill and Woodward.

147. Research Work in Secondary Teaching.—In certain courses, students may be given from two to four hours credit on presentation of a satisfactory thesis on an assigned topic embodying the results of independent work. The consent of the instructor is necessary before registering. Merrill, Woodward, Nuttall.

148. Thesis Work in Secondary Teaching.—The work of this course is largely individual research under the direction of the professor in charge. The material and the problems studied will be in connection with the master's thesis. From four to eight hours credit, depending upon the problem. Merrill, Nuttall, Woodward.

150. Graduate Seminar in Education.—Each alternate Monday, 7:30 to 9:30 p.m.

SOCIOLOGY

Professor Swenson, Associate Professors Miller, Nelson, Hansen; Assistant Professor Boyle

Lower Division Courses

Courses 11, 12, 13 are prerequisite to all other courses Sociology.

11. Introduction to the Study of Sociology.—This course is designed to give the ground work for social study. Gives a general view of social organizations, social forces and a practical working theory of the nature of society. Autumn, 2:30. Three hours credit. Swenson and Nelson.

12. Elementary Principles of Sociology.—A study of the structure and functions of the social organization. Attention is given to the social population, the social forces and social processes. Winter, 2:30. Three hours credit. Swenson and Nelson.

13. Elementary Principles of Sociology.—Continuation of course 12. Socialization and social control. A study of social laws, forces, and ideals, and their relation to social control. Spring, 2:30. Three hours credit. Swenson and Nelson.

41. Juvenile Sociology.—This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group. The child's moral equipment, his social traits, and moral and sex education through school subjects. History of juvenile delinquency and the study and treatment of delinquents. Autumn. T., Th., 9:30. Two hours credit. Boyle.

Upper Division Courses

51. Community Organization and Leadership.—This course deals with the problems of community life and action, and the methods of promoting them through organization and leadership. Special attention will be given Church organizations in their relation to the recreational, ethical, and spiritual life of the community. Spring, 9:30. Three hours credit. Swenson.

53. Rural Sociology.—A course in the study of the conditions of rural life with constructive proposals for economic, educational, recreational, and social betterment. Winter. Three hours credit. Nelson.

55. Americanization of Foreigners.—This course is intended for those who expect to teach foreign born or who will be concerned with organizing or supervising the work of Americanization of immigrants.

Spring, 1:30. Two hours credit. Swenson. (Not given this year).

***61. Educational Sociology.**—An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction. Autumn, 9:30. Three hours credit. Swenson.

65. Community Welfare.—A study of local organizations for social, civic, and philanthropic work. Special emphasis on case work. Winter, 9:30. Two hours credit. Swenson. (Not given this year).

66. Modern Cities.—A study of the evolution and problems of the modern city, with special emphasis on their economic, ethical, and political influence on modern society. Winter, 9:30. Swenson. (Not given this year).

67. Ethnology.—This course will deal with general ethnological principles as applied to the human race as a whole. Autumn. 2:30, M., W., F. Three hours credit. Hansen.

68. Ethnology.—The American Indian and his place among the races of mankind. Winter. 2:30, M., W., F. Three hours credit. Hansen.

***70. Social Control.**—A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail. Autumn, 9:30. Three hours credit. Swenson.

75. Social Pathology.—A study of the delinquent, defective, and dependent classes, and a survey of pathological conditions, and processes in modern society. Also a study of benevolent and corrective institutions. Spring, 9:30. Three hours credit. Swenson. (Not given this year).

90. Labor Problems.—See Economics 60.

91. Labor Legislation.—See Economics 61.

Graduate Course

101. Research.—Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in methodology of research in the social science field, and in the presentation of material. Time and credit to be arranged. Swenson and Nelson.

THEOLOGY

Professors Swenson, Holt, Roberts, Maw, Osmond, Reynolds Eyring, Cummings, Hoyt, Martin, Woodward, Nuttall, Jepperson-Madsen, Pardoe, Snow, Poulson, Cannon, Hayes, Tanner, Cottam; Associate Professors J. M. Jensen, Larsen, Sudweeks; Assistant Professors Madsen, Dusenberry, Boyle, Romney, H. R. Merrill, Morris, Rowe, Lambert, Hart; Mr. Gates, Miss Jeppson.

Students who wish to specialize for work with pre-adolescent children in the various auxiliary organizations of the church will be permitted to supplement the regular courses of the department for a major in Theology from the following: Elementary Teaching 1, 16, 20, and 60; Psychology 70 and 79. Courses especially recommended for these students are: Theology 16, 17, and 18, Elementary Teaching 1 and Psychology 79.

Students wishing to specialize for work with adolescents and adults in church service may include in their Theology major courses selected from the following: Educational Administration 75, Philosophy of Education 88, 89, Psychology 70, 77, Secondary Teaching 54, and Sociology 65. Courses especially recommended for these students are: Theology 57, 58, 59, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 91, 92, and 93; Psychology 77, and Secondary Teaching 54.

Lower Division Courses

1. Problems of the Religious and Ethical Life.—The student just entering college is aided in the solution of problems incident to his environment. The course treats the general significance and meaning of religion and morals, their origin and their interrelation in the formation of standards of conduct. It also deals in an elementary way with the concepts of right, duty, conscience, and character. The approach is made through a study of a series of practical problems. Autumn. T., Th., 11:30. Two hours credit. Miller, Larsen, Lambert, Cummings, de Jong, Hayes, Gates.

2. Problems of Religious and Ethical Life.—A treatment of the practical aspects of morality, with especial attention to the cultivation of the personal virtues that form the foundation of character. The development of practical codes and standards as applied to individual and social problems. Winter, T., Th., 11:30. Two hours credit. Miller, Larsen, Lambert, Cummings, de Jong, Hayes, Gates.

3. Problems of Religious and Ethical Life.—The individual's ethical relation to others as applied to his activities in cooperation with others. His responsibility in the promotion of ideals and standards through his functions in church and organizations for social welfare. The ethics of citizenship. Spring. T., Th., 11:30. Two hours credit. Miller, Larsen, Lambert, Cummings, de Jong, Hayes, Gates.

4. Literature of the Bible.—(The Prose Forms of the Old Testament.)—A study of the historical books of the Bible from a literary point of view. The history, the story, the essay, the oration, the parable, the allegory, will be considered, selected from Genesis, Exodus, Deuteronomy, The Judges, The Kings, The Chronicles, Ruth, Esther, Daniel and some of the prophets. Autumn. T. Th., 11:30. Two hours credit. H. R. Merrill and Reynolds.

5. Literature of the Bible.—(The Poetic and Wisdom Literature of the Old Testament.)—A study of the Psalms, the Proverbs, Ecclesiastes, Isaiah. The Songs of Solomon and Book of Job. Winter. T., Th., 11:30. Two hours credit. H. R. Merrill and Reynolds.

6. Literature of the Bible.—(Literary Forms of New Testament.)—A study of the speeches of exhortation, the parables, the allegories, the symbolisms of our Lord as they are found recorded in the four gospels; a study of the epistles, the essays, the epigrams, the orations of the apostles as they are found in the epistles and the Acts of the Apostles of the New Testament. Spring. T. Th., 11:30. Two hours credit. H. R. Merrill, and Reynolds.

7. Ethics and the Teachings of Jesus.—This course consists of a description of the fundamental principles of right conduct as taught by our Savior. The following ethical problems will be considered: standard of morals, open-mindedness, value of Christian ideal life, kinship, moral obligations, relation of thought, desire, will and action. Text: New Testament. Autumn. T. Th., 11:30. Two hours credit Martin.

8. Ethics and the Teachings of Jesus.—A continuation of course 7. Emphasis will be placed on: stability of purpose, sincerity, dependability, courage, truthfulness, temperance, and industry. Winter. T. Th., 11:30. Two hours credit. Martin.

9. Ethics and the Teachings of Jesus.—A continuation of course 8. Attention will be placed on property, marriage, temptation, covetousness, charity, justice, and government. Spring. T. Th., 11:30. Two hours credit. Martin.

10. Foundations and Fruits of Mormonism.—The aim of this course is to enlarge knowledge and to develop attitudes and abilities that will enable the students

to appreciate the Book of Mormon as a great revelation from God. Incidents connected with the discovery of the plates, the translation of the records, the publication of the book, the contents of the Book of Mormon, and proofs of its authenticity are themes which will be discussed. Assigned reading, lectures, and discussions. Autumn. T. Th., 11:30. Two hours credit. A. N. Merrill, Boyle, Hoyt, Holt, and Sudweeks.

11. Foundation and Fruits of Mormonism.—This course is designed to give information concerning the restoration of divine authority, the organization of the Church, the foundation principles, the Doctrine and Covenants, and other books as modern revelations and as standard works of the Church. Winter. T. Th., 11:30. Two hours credit. Merrill, Boyle, Hoyt, Holt, and Sudweeks.

12. Foundation and Fruits of Mormonism.—This course is designed to give information concerning the achievements of the Church in the establishment of new theological ideas and concepts, its educational and missionary systems, its achievements in colonization, its temple activities and temple work. Spring. T. Th., 11:30. Two hours credit. Merrill, Boyle, Hoyt, Holt, and Sudweeks.

13. Prophecy.—The source of prophecy; its value; Bible prophecies; Book of Mormon prophecies; Doctrine and Covenants prophecies; Church History prophecies. Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Rowe.

14. Genealogy.—This course deals with the mortal existence of man; purpose of earth life; Priesthood and Church as factors in the salvation of the living and dead; the temples of ancient times; the temples of modern times, Temple ordinances with special of family and temple records; family organizations, reunions and home comings. Autumn, Winter or Spring. T. Th., 11:30. Two hours credit. Romney.

15. Comparative Christian Religions.—A study of the important Christian religions of the present day: Catholicism; some of the important sects of Protestantism; Christian Science; and the Salvation Army movement. The origin and history of each will be considered at sufficient length to give a background for a careful analysis of the principles and branches of the modern Christian churches. The course is designed to be of special value to those who may later travel as Latter-Day Saint missionaries. Autumn, Winter or Spring. T. Th., 11:30. Two hours credit. Morris.

16. The Religious Life and Its Development.—This course deals with the nature of childhood religion, methods of studying children, and the aims of religious education for the various stages of development. Certain problems of teaching that are fundamental to the promotion of growth in religion and germane to the conditions of religious teaching in the home the school and the church, such as training children to think correctly about problems of conduct and social relations; the religious educational power of the family; the practice of prayer; the meaning of faith; the place of the story in religious training; our religious, inherited equipment; the relation of religion and morals; the accumulation and selection of material for religious education. Autumn. T. Th., 11:30. Two hours credit. Dusenberry.

17. The Religious Life and its Development.—A continuation of course 16. Winter. T. Th., 11:30. Two hours credit. Dusenberry.

18. The Religious Life and its Development.—A continuation of course 17. Spring. T. Th., 11:30. Two hours credit. Dusenberry.

19. Doctrine and Discourse.—A special study of the religious belief of the Latter-day Saints, concerning: The divine call of Joseph Smith, the Prophet;

God and the Holy Trinity; Transgression and the Fall; Baptism; The Holy Ghost; The Sacrament of the Lord's Supper; Authority in the Ministry; The Church and its Plan of Organization; and Spiritual Gifts. Autumn. T. Th., 11:30. Two hours credit. Cannon, J. M. Jensen and Pardoe.

20. Doctrine and Discourse.—A continuation of 19 considering Latter-day Saints beliefs concerning; the Bible; The Book of Mormon; Revelation—past present, and future; The Dispersion of Israel; The Gathering of Israel; Zion; Christ's Reign on Earth; Toleration; Submission to Secular Authority; Practical Religion. Winter. T. Th., 11:30. Two hours credit. Cannon, J. M. Jensen and Pardoe.

21. Doctrine and Discourse.—Training in the preparation and delivery of discourses. Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Cannon, J. M. Jensen and Pardoe.

22. Hymnology and Music Directorship.—Study of the historical, doctrinal, prophetic, poetic, and esthetical content of songs and hymns of the Latter-day Saints. They are classified according to their dominant features poetically and musically and are emphasized according to their value to humanity. Special training in the essentials of church music leadership and rudimentary conducting is one of the important features of the course. Autumn, T. Th., 11:30. Two hours credit. Madsen and Madsen.

23 Hymnology and Music Directorship.—A continuation of course 22. Winter. T. Th., 11:30. Two hours credit. Madsen and Madsen.

24. Hymnology.—A continuation of course 23. Spring. T. Th., 11:30. Two hours credit. Madsen and Madsen.

Upper Division Courses

54. Life and Teachings of Christ.—The course is based on the text of the four gospels. Emphasis is placed on the application of church principles and ideals as they relate to our present time. Autumn, T., Th., 11:30. Two hours credit. Swenson and Maw.

55. Life and Teachings of Christ.—Continuation of course 54. Winter, T., Th., 11:30 Two hours credit. Swenson and Maw.

56. Life and Teachings of Christ.—Continuation of course 55. Spring, T., Th., 11:30. Two hours credit. Swenson and Maw.

57. Philosophy and Life.—A discussion of the fundamental principles of philosophy and religion and their inter-relations. A brief historic sketch of Greek philosophy is used as an introduction to a more careful consideration of realism, mysticism, rationalism, and idealism. Autumn, T., Th., 11:30. Two hours credit. Osmond.

58. Philosophy and Life.—A continuation of course 57. The four forms of natural religion and revealed religion; the five natures of man, the spiritual life, and the negative and positive conditions of happiness, are the principal subjects discussed in this course. Winter, T., Th., 11:30. Two hours credit. Osmond.

59. Philosophy and Life.—A continuation of course 58. This course is devoted to a study of the agencies and elements of redemption, good and evil, the organization and function of churches, and the science and art of living. Spring. T., Th., 11:30. Two hours credit. Osmond.

60. Comparative Religions.—A general perspective of the important religions of the world. Among the religions considered are: Religions of primitive

people of Babylonia and Assyria, Egypt, Judaism, Mohammedanism, Zoroastrianism, the religions of China, Japan, Greece, Rome, and of the Celts and Teutons. Some attention is also given to a study of the important Christian sects. Autumn. T., Th., 11:30. Two hours credit. (Not given this year).

61. **Comparative Religions.**—A continuation of course 60. Winter. T., Th., 11:30. Two hours credit. (Not given this year).

62. **Comparative Religions.**—A Continuation of course 61. Spring. T., Th., 11:30. (Not given this year).

63. **History of the Christian Church.**—Christianity a product of Mediterranean civilization created anew by the Messiah. A brief study of the oriental and classic culture and philosophy out of which emerged the Christian Church under the Teachings of Christ, Paul, the Church Fathers and the Clergy both lay and clerical. Attention will be given to the development of the Papacy, the conflict between orthodoxy and heresy, the rivalry of Empire and Papacy, the Conciliar movement, the Renaissance and Reformation and the diversity of religious beliefs and practices under the new spirit of tolerance and liberty. The present status of Christendom will conclude the year's work. Autumn. T., Th., 11:30. Two hours credit. Snow.

64. **History of the Christian Church.**—Continuation of course 64. Spring. T., Th., 11:30. Two hours credit. Snow.

65. **History of the Christian Church.**—Continuation of course 64. Spring. T., Th., 11:30. Two hours credit. Snow.

66. **Psychology of Adolescence.**—(See Psychology 77). Autumn. T., Th., 11:30. Two hours credit. Poulson.

74. Social and Recreational Leadership.—Social dancing. This course is designed to prepare students for teaching and supervising social dancing in wards and communities. Ballroom management and dance music will be given particular emphasis. Autumn, T. Th., 11:30. Two hours credit. Roberts, Jeppson and Hart.

75. Social and Recreational Leadership.—This course is designed to prepare leaders in directing home entertainment. Plans for special holiday parties, occasional informal affairs will be studied. Winter, T., Th., 11:30. Two hours credit. Roberts, Jeppson, Hart.

76. Social and Recreational Leadership.—This course is given to meet the needs of church and school recreational leaders. The various forms of play for primary and secondary school, and church auxiliary organizations will be studied and workable plans compiled. Each student will have opportunity for practice. Spring, T., Th., 11:30. Two hours credit. Roberts, Jeppson, Hart.

77. Scout Leadership.—A course designed especially for scoutmasters and prospective scout leaders. The first part of the course will consist of a series of short hikes on which the following topics will be studied: How to walk, packs for pedestrians, campmaking, fire-building, camp cookery, knots, hitches and lashings. The second part of the course will consist of a study of first aid, bandaging, personal and public health. Autumn. T. Th., 11:30. Two hours credit. Eyering.

78. Scout Leadership.—A continuation of course 77. The topics to be studied are: Organization of a Scout troop and its relationship to the Local Council and the National Council, Boy Scouts of America; the methods of troop management and the use of the patrol system; the psychology of the Boy Scout; scout

stories and games. Winter, T. Th., 11:30. Two hours credit. Eyring.

79. Scout Leadership.—A continuation of course 78. Signs, symbols, and signaling; pathfinding and map making; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the classroom and while on short hikes. Spring T. Th., 11:30. Two hours credit. Eyring.

***80. Psychology of Religion.**—A consideration of some of the most important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisite; Psychology 70 or 77. Spring. T., Th., 11:30. Two hours credit. Poulson.

***81. Religion and Philosophy.**—This course will trace the development of the religious ideals of the Hebrew people from the patriarchal days to Christ, culminating in the idea of the eternal nature of the self, the universal brotherhood of man, and the idea of the universal fatherhood of a personal God. A study of the background of Old Testament literature and of the ancient philosophies which, in turn, help to determine the religious ideals, will be made. It is assumed that this course will be followed by 82 and 83, which are a continuation of the problems of philosophy and religion. Autumn, T., Th., 11:30. Two hours credit. Woodward.

***82. Religion and Philosophy.**—This course deals with a comparative study of Christian philosophy as expounded by Christ and the various practical and theoretical philosophies dominant at the present time. The teachings of Jesus will be compared with modern industrialism, the democratic ideal, mechanistic materialism, and pluralistic personalism. Winter, T. Th., 11:30. Two hours credit. Woodward.

***83. Religion and Philosophy.**—This course will be an integrating course designed to bring together the principal problems in the two previous courses and to make a comparative study between the teaching of Jesus, modern philosophy, and Mormonism. This comparison will be made in a discussion of such topics as the nature of God, the nature of self; freedom of the will; eternal progression; immortality of the soul; salvation; birth, death and resurrection; revelation and inspiration; man's relationship to God, prayer; the place of authority, ritual, and church organization; faith, love and knowledge; Spring T. Th., 11:30. Two hours credit. Woodward.

Religious Education Leadership.—The following three courses are especially designed for the preparation of class leaders, principals, and supervisors in the educational division of church activities.

91. Materials of Religious Education.—This is a professional course for teachers and officers in church organizations dealing with students of the secondary school and adult level. It will be concerned with objectives and choice of subjective matter, including criteria for evaluation of subject matter. Types of material will be chosen representative of the principal church educational organizations. Autumn, or Spring. T. Th., 11:30.

92. Psychology in Religious Education.—An advanced specialized course dealing with the application of psychology to the more efficient teaching of religion. Prerequisite, Psychology 77 or Theology 91. Winter. T. Th., 11:30. Two hours credit. Poulson.

93. Methods in Administration and in Teaching Theology.—This course is designed for those who are expecting to qualify for efficient service in directing teacher training, in supervising instruction, and teaching adolescent and adult students. It will deal with the

best devices employed in directing and supervising theological instruction, and also with the most efficient methods of teaching for the attainment of definite purposes in the field of theology. Autumn, Winter, and Spring. T. Th. Two hours credit.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner, Drs. Oaks and Merrill; Clarence Cottam

Lower Division Courses

Students majoring in this department must complete courses 11, 30, 55, 56, 75, 78, 80, 81, 82, and 94. Substitution of other courses is permitted in special cases.

Students who expect to study medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 55, 56, and 70. Botany 12 and 21.

Students who desire to teach Biology in the High School should complete the following courses: 11, 20, 30, 55, 56, and 65; Botany 12, 21, 55, and 80.

11. General Zoology.—A laboratory course involving a study of representatives of the principal groups of animals, with lectures on their structures and classification, and on the general laws of biology which they illustrate. Autumn. M. W. F., 9:30, Laboratory M. 1:30 to 4:30. Four hours credit. Tanner and ———.

20. Health Education.—Designed to meet state requirements in health education. The early part of the course is devoted to fundamental physiological processes, and upon these as a foundation are based studies of personal hygiene, hygiene of the school child, sanitation of school buildings and surroundings, public and home sanitation, and recognition of defects in children. Autumn, Winter or Spring., M. W. F., 1:30. Three hours credit. Oaks and Merrill.

30. Elementary Entomology.—This course is intended to interest students in insect life. A study of the structure, development, and classification of some of the more important insects will form a basis of the course. Autumn. T. Th. F., 1:30 to 3:30. Three hours credit. Tanner and _____.

34. General Economic Entomology.—A lecture course dealing with the more important insect pests and the principles and practice of controlling these insects. Autumn. M. W. F., 10:30. Three hours credit. Tanner. (Not given this year).

Upper Division Courses

55. Invertebrate Zoology.—This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationships of the invertebrate groups. Much emphasis will be placed upon the invertebrate life of the Great Basin region. Considerable time will be spent on the phylum Arthropoda. Winter. T. Th., 8:30. Laboratory M. W., 1:30 to 4:30. Four hours credit. Tanner and—

56. Vertebrate Zoology.—A general course dealing with the habits and the geographical distribution of the vertebrate species. Much time will be devoted to a study of the fish, amphibians, reptiles, birds and mammals of the Great Basin. Spring, M. W., 8:30, Laboratory T. Th., 1:30 to 4:30. Four hours credit. Tanner and _____.

***61. Morphology of Insects.**—It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied. Winter. Laboratory M. T. W. Th., 1:30 to 4:30. Four hours credit. Tanner.

***62. Insect Classification.**—Students will collect and study systematically the insect fauna of the Provo

region. Prerequisite course 61. Spring. Afternoon laboratory periods to be arranged. Three or five hours credit. Tanner.

***63. Economic Entomology.—Field, Orchard and Garden Insects.**—A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite, course 30. Autumn. M. T. W. Th., 2:30 to 5:30. Four hours credit. Tanner.

***64. Advanced Entomology.**—Open only to advanced students who are prepared to do systematic, morphological, or economic work. Winter and Spring quarters. Time and credit to be arranged.

65. Human Physiology.—This course is designed to give the student a working knowledge of the life processes as they function in man. The properties of living matter will be studied as a basis for understanding the mechanism of the specialized systems of the human body. Prerequisite, Zoology 11. Spring. M. W. F., 2:30; laboratory T., 1:30-4:30. Four hours credit. Oaks.

***70. Comparative Anatomy of the Vertebrates.**—Detailed study of vertebrate morphology, including dissection of representatives of several classes of vertebrates, with comparative studies in the principal vertebrate systems. Prerequisite course 56. Spring. T., 8:30. Laboratory M. W. F., 1:30 to 4:30. Four hours credit. Tanner.

***71, 72, 73. Cytology.**—Lecture and laboratory course dealing with the structure and behavior of the cell. Autumn, Winter or Spring. Three afternoons a week. Three hours credit. Tanner.

***75. History of Biology.**—A study of the development of biological thought from the time of the earli-

est writers to the present. Winter. T. Th., 10:30. Two hours credit. Tanner.

***78. Genetics.**—The cell as the physical basis of heredity; the germ cell cycle, variation, mutation, Mendelism, inheritance of acquired characteristics, pure lines, sex determination, and the general problems of descent are discussed in the light of recent experimental data. Winter. M. T. W. Th., 9:30. Four hours credit. Tanner. Prerequisite, some laboratory course in Zoology or Botany.

***79. Eugenics.**—This course will stress such problems as, the laws of natural inheritance, population problems, environment reform, marriage, and divorce, and state aid for education. A study of the biological foundations of society will also be made. Prerequisite, some laboratory course in Zoology or Botany or Genetics. Three hours credit. Tanner.

***80, 81, 82. Seminar.**—This course may be conducted in connection with Botany 75, 76, 77. Autumn. Winter, and Spring. One hour credit each quarter. Time to be arranged. Tanner. (Open only to students of the department.)

***89. Animal Ecology.**—This course will consist of lectures and field work. The environment, natural habitats, adaptations, relationships or organisms, and distribution of species and communities will be considered. Spring. M. W., 9:30, laboratory W., 2:30-5:30. Three hours credit. Tanner.

***93. Field Zoology.**—Open only to students majoring or minoring in Zoology and Entomology. Students may make extensive collections of the animal life of this state or adjoining states and then make a report on the same. The report and collection must be left with the university. This course aims to give the student training in systematic zoology and museum work. Time and credit to be arranged. Tanner.

94. Principles of Biological Nomenclature.—A lecture course dealing with the principles of biological nomenclature and intended to meet the needs of students from any of the biological departments. Winter. M., 10:30. One hour credit. Tanner.

***97, 98, 99. Systematic and Economic Ornithology.**—This course is intended to interest students in a scientific study of the birds of Utah and adjoining states. The course will consist of lectures, laboratory work and field trips. Prerequisite courses 11, 56, and 94. Autumn, Winter and Spring. Time to be arranged. Three hours credit each quarter. Tanner.

Graduate Courses

102, 103, 104. Advanced Entomology.—Primarily for graduate students prepared to do work in systematic, biologic, or economic entomology. Autumn, Winter, Spring and Summer. Time and credit to be arranged.

105. Research.—Open to advanced and graduate students who are prepared to carry on special studies.

106, 107, 108. Entomology for Agricultural Inspectors.—See agronomy 106. Autumn, Winter, and Spring. One hour credit each quarter. Tanner.

Extension Division

FACULTY

LOWRY NELSON, Director

GEORGE H. BRIMHALL, Theology
JOHN C. SWENSON, Sociology
ALFRED OSMOND, English
CHRISTEN JENSEN, History
ELBERT H. EASTMOND, Art
AMOS N. MERRILL, Rural Education
BENJAMIN F. CUMMINGS, Languages
HARRISON V. HOYT, Accounting and Business Administration.
THOMAS L. MARTIN, Agronomy
HUGH M. WOODWARD, Philosophy of Education
T. EARL PARDOE, English
WILLIAM J. SNOW, History
M. WILFORD POULSON, Psychology
WALTER P. COTTAM, Botany
VASCO M. TANNER, Zoology
ELMER MILLER, Economics
MURRAY O. HAYES, Geology and Geography
GERRIT DE JONG, JR., German
CLAWSON Y. CANNON, Animal Husbandry
IDA SMOOT DUSENBERRY, Educational Psychology
WILLIAM H. SNELL, Mechanic Arts
THOMAS C. ROMNEY, Genealogy
HARRISON R. MERRILL, English
MILTON MARSHALL, Mathematics
L. W. OAKS, M. D., Hygiene and Sanitation
A. REX JOHNSON, Office Practice
LAVAL S. MORRIS, Horticulture
MRS. CHRISTEN JENSEN, English
RAYMOND RICHAN, Secretary Extension Division

No one who wishes to have learning need go through life without it. Happily for the masses of humanity, the time when education was held to be for the few, has passed, and almost unlimited facilities are now placed at the disposal of people to aid them in furthering their educational development. The workman in the factory, shop, office, or on the farm, the housewife, wherever she may be; all may now improve themselves if they will, by taking advantage of the opportunities offered to study by mail. Instruction may be had wherever the mail reaches.

EXTENSION DIVISION AIMS

To render service to those ninety-nine out of every hundred citizens, who, it is estimated, are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah than in the vast majority of states of the Union. Courses may be taken for credit or not.

ORGANIZATION

To carry out the aims of the Extension Division, the following subdivisions have been instituted: Correspondence and class Instruction, Lectures and Entertainments, and Social Service.

CORRESPONDENCE INSTRUCTION

A varied list of subjects is offered for correspondence instruction. Reading courses are provided for practical people who are interested in adding to their fund of information in their vocation, and who desire to improve their cultural education. No credit is given for this work. For those who are working toward a

higher degree, courses are offered which carry university credit.

Methods of Instruction

Each correspondence course carries credit equivalent to the corresponding courses in residence, and therefore covers a definite amount of work. Most of the courses contemplate the student's preparing about five assignments for each quarter hour of credit received. The student in correspondence is allowed a year from the time he registers to complete his work. He may commence at any time. The average registration is for courses aggregating ten hours credit.

After filing the application for enrollment and paying the fee, the student is sent the assignments of the courses. He is given full instructions in the required reading and the preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor and returned to the student.

Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and should aim to complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject, provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he should obtain permission from the instructor. Reports may be rejected if the student at-

tempts to compress his work unduly. It is considered to be a practice which is not conducive to the most satisfactory work.

3. An undergraduate student may not take correspondence work while in residence without the consent of the Committee on Attendance and Scholarship and the Deans concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5. The Extension Division will pay postage on lessons and assignments sent to the student, but the student must pay postage on mail coming to the University. Care should be taken to see that adequate postage is placed on the envelope by the student.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high school work. However, exceptions may be made in favor of mature students, or those who have practically completed their high school work.

Examinations

Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the university.

FEES

The charge for correspondence courses is at the rate of \$1.50 a credit hour, except as indicated in some courses, with a minimum fee of \$5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instructions as residence students. These classes are designed to meet the needs of persons who are not resident students of an educational institution.

Extension classes may in certain cases be conducted under a locally appointed instructor, provided the following requirements are satisfied:

1. The courses must meet the requirements of the head of the department concerned.
2. Those taking the courses must be students of college grade and must satisfy prerequisites.
3. An outline of the course or courses must be submitted to the head of the department, together with a statement of the laboratory and library facilities.
4. The educational training of the instructor must be approved by the head of the department. He must have at least a master's degree or its equivalent.
5. A schedule of the daily school work of the instructor must be furnished .

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during the past year. These lectures and entertainments have for the most part been free except for transportation charges. The Extension Division, however, offers a regular ly-

ceum course consisting of high class lectures and entertainments, for which a nominal charge is made.

Social Service

In this department there is included miscellaneous services consisting of recreation, club programs, plays and pageants, visual education, package libraries, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time others have been held. In January, 1927 the attendance represented 70 stakes of the Church. Twenty one short courses were given.

CORRESPONDENCE COURSES

Accounting and Business Administration

21. **Personal Efficiency.**—Two hours credit. Hoyt.

22. **Marketing and Advertising.**—Three hours credit. Hoyt.

24. **Advertising and Salesmanship.**—Three hours credit. Hoyt.

25. **Marketing Problems.**—Three hours credit.

50. **Elementary Cost Accounting.**—Four hours credit. Hoyt. Fee \$10.00.

51. **Advanced Cost Accounting.**—Four hours credit. Hoyt. Fee \$10.00.

52. **Accounting Systems.**—Four hours credit. Hoyt. Fee \$10.00.

75. **Business Statistics.**—Two hours credit. Hoyt.

AGRONOMY

3x. **Soils.**—Three hours credit. Martin

4x. **Soil Bacteria and Fertility.**—Two hours credit. Martin.

21. **Root Crops.**—Four hours credit. Martin.

22. **Cereal Crops.**—Four hours credit. Martin.

23. **Forage Crops.**—Four hours credit. Martin.

ANIMAL HUSBANDRY

2. **History of Breeds of Live Stock.**—Five hours credit. Cannon.

ART

14x. **Commercial Art.**—Two hours credit. Eastmond.

17x. **Illustration.**—Two hours credit. Eastmond.

4. **Art Pageantry Production.**—Two hours credit. Eastmond. --

BOTANY

21. **General Bacteriology.**—Three hours credit. Martin.

55x. **Native Flora.**—Three to five hours credit. Cottam.

57. **Plant Ecology.**—Three hours credit. Cottam.

DRAFTING

4, 5, 6. Engineering Drawing (Elementary).—Six hours credit. Snell.

ECONOMICS

11. Introduction to Economics.—Three hours credit. Miller.

12. Principles of Economics.—Three hours credit. Miller.

EDUCATIONAL ADMINISTRATION

46. Rural Education.—Three hours credit. A. N. Merrill.

ENGLISH

1, 2, 3. Freshman English.—Required of all students and graduates. Nine hours credit. H. R. Merrill.

8. Newswriting.—Four hours credit. Merrill.

10. Short Story Writing.—Four hours credit. Osmond.

16-17. Survey of American Literature.—Four hours credit. Mrs. Jensen.

21, 22, 23. Survey of English Literature.—Six hours credit. Mrs. Jensen.

44. History and Development of American Novel.—Four hours credit. Pardoe.

50x, 51x, 52x. Readings in World Literature.—Six hours credit. Mrs. Jensen.

61x, 62x, 63x. Modern Dramatists.—Six hours credit. Pardoe.

77x, 78x. Poetry of Robert Browning.—Six hours credit. Mrs. Jensen.

GEOLOGY AND GEOGRAPHY

a. Economic Geography.—One unit. Hayes.

1x. Introductory Geology.—Six hours credit. Hayes.

30. Geography of Economic Products.—Five hours credit. Hayes.

54x. Field Problems.—Three hours credit. Hayes.

58. Economic Geology.—Four hours credit. Hayes.

81x. Human Geography.—Five hours credit. Hayes.

HISTORY

1, 2, 3. European History, 1500-1926.—Twelve hours credit. Snow.

20, 21, 22. American History.—Nine hours credit. Jensen.

HORTICULTURE

1. Pomology.—Four hours credit. Morris.

3. Olericulture.—Three hours credit. Morris.

5. Home Landscaping and Plant Materials.—Three hours credit. Morris.

6. Small Fruits.—Three hours credit. Morris.

MATHEMATICS

a. High School Algebra.—One unit, \$10.00.

b. High School Plane Geometry.—One unit, \$10.00.

11. Plane and Spherical Trigonometry.—Five hours credit. Marshall.

12. College Algebra.—Five hours credit. Marshall.

MODERN AND CLASSICAL LANGUAGES

GERMAN

13, 15. Directed German Reading.—Four hours credit. de Jong.

FRENCH

13, 15. Directed French Reading.—Four hours credit. Cummings.

SPANISH

13, 15. Directed Spanish Reading.—Four hours credit. Cummings.

LATIN

61, 62. Directed Latin Reading.—Four hours credit. Cummings.

OFFICE PRACTICE

11, 12. Shorthand. (Pitmanic).—Ten hours credit. Johnson.

38. Office Management and Methods. — Four hours credit. Johnson.

PHILOSOPHY OF EDUCATION

81. Science of Education.—Four hours credit. Woodward.

83. Secondary Education.—Four hours credit. Woodward.

86. History of Education.—Three hours credit. Woodward.

PSYCHOLOGY

11. General Psychology. — Five hours credit. Poulson.

21. Elementary Educational Psychology.—Four hours credit . Dusenberry.

SOCIOLOGY

12, 13. Elementary Principles of Sociology.—Six hours credit. Swenson.

53. Rural Sociology.—Three hours credit. Nelson.

54. Technique of the Rural Survey.—Three hours credit. Nelson.

THEOLOGY

1x, 2x. Doctrine and Discourse.—Four hours credit. Brimhall.

3x. Church History.—Two hours credit. Brimhall.

14. Genealogy.—Two hours credit. Romney.

ZOOLOGY

20. Hygiene and Sanitation.—Three hours credit. Oaks.

93. Field Zoology.—Credit to be arranged. Tanner.

Training Schools

L. J. NUTTALL, JR., Director

GENERAL SUPERVISORS:

A. N. MERRILL, Secondary

M. J. OLLORTON, Higher Grades

HERMESE PETERSON, Intermediate

EMMA BROWN, Primary

SECONDARY SCHOOL FACULTY

A. C. LAMBERT, Principal

C. LAVOIR JENSEN

MAUDE D. MARKHAM

MYRTIE JENSEN

WM. F. HANSEN

HUGH W. PETERSON

STELLA P. RICH

CLARENCE COTTAM

ELEMENTARY SCHOOL FACULTY

HERMESE PETERSON, Principal

EDGAR M. JENSEN, Supervisor of Art

J. W. McALLISTER, Supervisor of Music

HAZEL CLYDE

MAY C. HAMMOND

EVA M. HANSEN

BARBARA MAUGHN

NELL CROSSGROVE

GLADYS KOTTER

GEORGIA MAESER

PURPOSE

The aim of the Secondary Training School is to provide adequate facilities and representative situations in which teachers can be trained adequately to carry for-

ward secondary work in good high schools. It is a necessary part of that aim to offer a first class high school course so that students will receive every advantage ordinarily found in a good high school. There are the added advantages of the use of many parts of the University plant - library, laboratories, shops, gymnasiums, etc. It is possible to offer a richer and more varied course than can possibly be had in a school of the same size in the school districts of the state. A regular faculty of experienced and well trained secondary teachers is provided. The educational and social welfare of the students is the first care of the teachers of the school.

The Training School is organized on a 6-3-3 basis. Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements, and toward graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work must be secured during three years attendance in Senior High School and must include all the constants prescribed for each year and the sequence of courses prescribed in one of the four curricula. Students graduating from the "General Course", which alone meets definitely the College entrance requirements, must present the following group requirements: (1) English, 3 units, (2) a Principal Group of 3 or more units, (3) a Secondary Group of 2 or more units.

Students are required to take the regular courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation; a maximum of one-half unit of credit may be counted toward graduation for these courses.

All students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

HIGH SCHOOL ACTIVITIES

Under the direction of the regular teachers and the faculty committes, a full program of athletic and social affairs is provided for the junior and senior high school students.

The senior high school group have regular social gatherings and recreational activities under faculty supervision and counsel. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a play or a musical program. The school is a member of the State High School Debating League and a member of the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The High School students have also the advantage of participation in the regular activities of the University student body life.

THE CURRICULA

Four curricula, or four groups of studies, are provided. As early as the ninth year and not later than the tenth year, pupils, with the counsel of the parents and teachers, should make a choice of the group of studies (the curriculum) which they propose to pursue during the remaining years of high school study. This choice should be made with the definite intent of staying in that curriculum until graduation. Any marked deviation from recommended sequences in any given curriculum without very valid reasons will not be permitted. Transfer from one curriculum to another will delay graduation.

CREDIT

Those classes which require outside preparation, which meet five days each week for full fifty minutes, and which continue for the full school year of 34-36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit. The half-unit courses meet two or three days each week with preparation, or meet daily with no outside preparation, and run through the year. There are no "quarters" in high school program as there are in the University. There are no courses which end or begin at the mid-year.

Students who register late or who discontinue before the end of the school year can receive no higher grade than "Incomplete" until all required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULUM
Junior High School

7th Grade

Subject
English I

Periods
5

Days
Daily

Geography	5	Daily
Mathematics I	5	Daily
Reading	2	
Music	2	
Art	2	
Sewing	2	
Manual Training	2	
Religion Class	2	
Physical Education & Recreation	3	

8th Grade

Subject	Periods
English II	5
History	5
Mathematics II	5
General Science	3
Reading	2
Music	2
Art	2
Cooking	2
Shop Work	2
Religion Class	2
Physical Education & Recreation	3

9th Grade

Subject	Periods
English	5
Civics	3
Biology	5
Theology	2
Physical Education	
Electives	Periods
French A	5
Commercial Arithmetic	5
Plain Sewing	
Elementary Drafting	5

Theory of Music	3
Elementary Typing *	5
Algebra	5
Foods or Woodwork	2
Music	2

*(Limited Registration. No credit until completion of second year typing.)

Senior High School

Constants (Required subjects in all Curricula. Students must register for these subjects.)

10th Grade	11th Grade	12th Grade
English B. 5 periods	English C.— 5 periods	English D.— 5 periods
Physiology and Hygiene—5 periods	Theology C. — 2 periods	Problems of Democracy 5 periods
Theology B.— 2 periods	Physical Education	Theology D.— 5 periods
Physical Education		Physical Education

Curriculum Group Requirements

According to the curriculum or group of studies chosen to be followed by the student, the following are required subjects for graduation:

(1) General Course	(2) Home-Making
(Leads to College Entrance)	All Constants for the particular year.
All Constants for the particular year, 10th, 11th, or 12th.	Foods and Cooking
Algebra—unless taken in 9th Grade	Plain Sewing
Plane Geometry	Dressmaking
American History or European History	Home Making
	Chemistry
	Art

Physics or Chemistry
(Preferably both)
Physical Geography or
Commercial Geography

(3)**Agriculture and Mechanical**

All Constants for the parti-
cular year
Agriculture
Shopwork
Physics or Chemistry
(Preferably both)
Mechanical Drawing

(4)**Business**

All constants for the
particular year
Accounting A
Accounting B
Shorthand
Typewriting
Commercial Arithmetic—if
not taken in the 9th year

Note: Curricula 2, 3, 4, will satisfy all requirements for graduation from the Senior High School. They may **not** meet College Entrance requirements; curriculum 1 meets College Entrance requirements.

Electives: Courses required in any curriculum group are open as electives to all other Senior High School students who have already met the Constants requirements. The following are also electives: French A, Dramatic Art, Theory of Music, Art, Public Speaking, Chorus, Orchestra or Band.

A recommended sequence of subjects in the general course, or Curriculum (1), is as follows:

9th Year	Periods	10th Year	Periods
English A	5	English B	5
Algebra	5	Geometry	5
Biology	5	Theology B	2
Theology A	2	Physical Ed.	?
Physical Ed.	?	Physiology & Hyg.	3
Elective	2-5	Elective	2-5
11th Year	Periods	12th Year	Periods
English C	5	English D	5
Theology C	2	Theology D	2

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Physical Ed.	3	Prob. Democ.	5
Physics or Chem.	5	Physics or Chem.	5
Am. or Europ. Hist	5	Physical Ed.	3
Elective	2-5	Elective	3-5

SENIOR HIGH SCHOOL COURSES

Subject	Days	Classification	Year Taken	Credit
Grammar				
and Liter.	5	Constant	10th	1 unit
Composition Liter.				
and Grammar	5	Constant	11th	1 unit
Eng. and				
Am. Liter.	5	Constant	12th	1 unit
Dram. Art.	5	Elective	10 to 12	1 unit
Pub. Speak.	3	Elective	10 to 12	$\frac{1}{2}$ unit
French a	5	Elective	9 to 12	1 unit
European History	5	Gen. Course	10 to 11	1 unit
Am. History	5	Gen. Course	10 to 11	1 unit
Problems of				
Democracy	5	Constant	12th	1 unit
Algebra	5	Gen. Course	9 to 10	1 unit
Geometry	5	Gen. Course	10 to 11	1 unit
Physics	5	Several	10 to 12	1 unit
Chemistry	5	Several	10 to 12	1 unit
Phys. Geog.	5	Gen. Course	10 to 12	1 unit
Com. Geog.	5	Gen. Course	10 to 12	1 unit
Physiology and				
Hygiene	3	Constant	10th	$\frac{1}{2}$ unit
Foods and				
Cooking	5	Homemaking	10 to 12	1 unit
Homemaking	2	Homemaking	11 to 12	$\frac{1}{2}$ unit
Plain Sewing	2	Homemaking	9 to 12	$\frac{1}{2}$ unit
Dressmaking	5	Homemaking	10 to 12	$\frac{1}{2}$ unit
Agriculture	5	Agr. & Mech	10 to 12	1 unit
Theory of Music	3	Elective	9 to 12	$\frac{1}{2}$ unit
Chorus	4	Elective	10 to 12	$\frac{1}{4}$ unit
Orchestra	5	Elective	10 to 12	$\frac{1}{2}$ unit
Graphic Art	2	Elective	10 to 12	$\frac{1}{2}$ unit

Applied Design	2	Elective	10 to 12	$\frac{1}{2}$ unit
El. Accounting	5	Business	10 to 12	1 unit
Adv. Accounting	5	Business	11 to 12	1 unit
El. Typewriting	5	Business	9 to 12*	1 unit
Adv. Typewriting	5	Business	10 to 12	1 unit
Shorthand	5	Business	11 to 12	1 unit
Com. Arith.	5	Business	9 to 12	1 unit
Theology	2	Constant	10	$\frac{1}{2}$ unit
Theology	2	Constant	11	$\frac{1}{2}$ unit
Theology	2	Constant	12	$\frac{1}{2}$ unit
Physical Ed.				
Girls	2	Constant	9 to 12	
Physical Ed.				
Boys	2	Constant	9 to 12	
Woodwork A, B.	5	Agr. & Mech	9 to 12	$\frac{1}{2}$ unit
Drafting A, B.	5	Agr. & Mech	9 to 12	$\frac{1}{2}$ unit
Auto Mechanics	5	Agr. & Mech.	10 to 12	$\frac{1}{2}$ unit

*Credit of 1 unit given at end of second year's work only.

Graduates 1926-27

MASTER DEGREES:

MASTER OF ARTS

Clark, Monroe H.....	Thatcher, Arizona
Harris, Marion Luther.....	Salt Lake City
Harrison, James Wm.....	St. George
Jensen, Julia Bateman.....	Provo
Pace, Henry A.	Price

MASTER OF SCIENCE

Barnett, Owen L.	Provo
Cottam, Clarence	St. George
Wardell, Wm. Henry	St. Anthony, Idaho

BACHELOR DEGREES:

COLLEGE OF APPLIED SCIENCE

Bachelor of Arts

Davis, Eva Mariam	Provo
Haymore, Erma R.	Provo
Thompson, Leda Fay	Ephraim

Bachelor of Science

Beck,, Ed. M.	Spanish Fork
Benson, Ezra Taft.....	Whitney, Idaho
Bunker, June.....	St. George
Call, Anson B., Jr.....	Colonia Juarez, Mexico
Cordner, Howard B.....	Provo, R. D.
Eyring, Lois Rockhill.....	Spanish Fork
Foster, Rhoda Fern.....	Thatcher, Arizona
Hansen, M. Blaine.....	Spanish Fork
Jarman, LeGrand.....	Pleasant Grove
Jorgensen, Daniel Drew.....	American Fork
Kirk, Odeal Cullimore.....	Pleasant Grove
Kundsen, Harold R.....	Provo
Leavitt, Charity.....	Bunkerville, Nevada
Lewis, John S.....	Payson
Mortensen, Francis N.	Ephraim
Nelson, Leo B.....	American Fork
Oveson, Merrill M.....	Castle Dale

Parkinson, Ruth.....	Rexburg, Idaho
Rigby, Rowland L.....	Fairview
Ross, Beth	Provo..
Sauls, Phoebe	Provo
Scorup, Etta	Provo
Seal, James L.....	Riverton
Stevens, Kenneth Richards.....	Ferron
Waldram, Eula.....	Sugar City, Idaho
Warnick, Inez	Provo

COLLEGE OF ARTS AND SCIENCES

Bachelor of Arts

Ballif, Serge C.	Preston, Idaho
Dastrup, Thelma	Provo
Fuller, E. Edgar.....	Cantonment, Florida
Gilchrist, Robert	Ontario, Oregon
Hill, Allen Jackson.....	Corinne
Hodson, Ethelyn	Provo
Hutchings, Selar S.	Springville
Kartchner, Wayne E.....	Provo
Richan, Raymond B.....	Provo
Roylance, Arnold C.	Springville
Smart, Wayne Neff	Provo
Stott, Leland	Felt, Idaho
Wride, Wendell S.....	Benjamin

Bachelor of Science

Adams, Florence Rilma	Provo
Alleman, Lynn	Springville
Barkdull, Phillip	Provo
Bench, Rees E.....	Provo
Bethers, Pratt McGuire.....	Heber
Blazzard, John E.....	St. George
Brown, Claudeous J. D.....	Ogden
Buttle, Leland B.....	Provo
Cook, Eldon W.	Pegram, Idaho
Dougall, Josephine	Springville
Eggertsen, Esther	Provo
Evans, W. Leon.....	Rexburg, Idaho

GRADUATES

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Fotheringham, Otho K.....	Provo
Graham, Marian	Provo
Harmon, Chauncey S.....	Manti
Hayward, C. Lynn.....	Paris, Idaho
Jacobs, Dorothy.....	Mt. Pleasant
Knudsen, Clarence L.....	Provo
Johnson, Elsie C.....	Benjamin
Lewis, Wayne	Spanish Fork
Linford, Phebe Morgan.....	Provo
McIntosh, Kimball D.....	Provo
Marler, George D.	Thornton, Idaho
Menlove, Lucile Olsen	Mayfield
Perkins, Milton L.....	Provo
Richards, Fred G.	Pleasant Grove
Ross, Soren C.....	Ephraim
Smith, Eada.....	Phoenix, Arizona..
Stewart, Halbert C.....	Provo
Swenson, Reed K.....	Provo
West, Viola.....	Pleasant Grove
Woodbury, Angus M.....	St. George

COLLEGE OF COMMERCE

Bachelor of Arts

West, Myron F.	Pleasant Grove
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Bachelor of Science

Ashby, Wilford L.....	Spanish Fork
Ballif, Carma.....	Preston, Idaho
Clarke, Willard H.....	American Fork
Conover, Abram W.....	Provo
Crandall, Karl Kent.....	Springville
Crer, Ford	Spanish Fork
George, L. Devere	Escalante
Harris, Carl Joseph	Provo
Harward, Harold	Springville
Hibbert, L. Lovell	Mesa, Arizona
Holbrook, Raymond B.	Provo
Houston, David Crawford	Panguitch

Johnson, G. Wesley	Long Beach, Calif.
Larsen, Norman	Spanish Fork
Miller, Melvin C.	Provo
Parcell, Lyman A.	Provo
Peay, Edwin A.	Provo
Ross, G. Raymond	Provo

COLLEGE OF EDUCATION

Bachelor of Arts

Jex, Oleta	Salt Lake City
Stevens, Iona Brimhall	Provo

Bachelor of Science

Allred, Elwood B.	Blackfoot, Idaho
Ashby, Althea	American Fork
Beck, Stella	Spanish Fork
Brockbank, Hazel	Spanish Fork
Farnsworth Philo T.	Manti
Finlinson, Burns L.	Leamington
Hart, Veda L.	Rigby, Idaho
Isaacson, Eddie I.	Ephraim
Iverson, Charles M.	Provo
Jensen, Lillian	Meadow
Jeppson, Wilma	Salt Lake City
Lamph, David D.	Cleveland
Lloyd, Wesley P.	St. Anthony, Idaho
Matley, Eleanor	Spanish Fork
Merkley, Cecil A.	Kanosh
Moody, Milton E.	Enterprise
Nicholes, Ray Delos	American Fork
Norman, S. Adriel	Fairview
Price, Scott, B.	Provo
Pugmire, D. Ross	Garden City
Pugmire, Stanford	St. Charles, Idaho
Rigby, Wendell M.	Provo
Roberts, Jesse Lloyd	Sugar City, Idaho
Sanderson, G. Reed	Fairview
Staheli, Harvey Rulon	Santa Clara
Steele, Ellis J.	Salina

GRADUATES

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Strong, W. Melvin	Salt Lake City
Stucki, Ezra S.	Paris, Idaho
Taylor, Dunn L.	Springville
Thomas, Sazie A.	Wales
Tucker, George Webster	Provo
Williams, Margaret	Provo

COLLEGE OF FINE ARTS

Bachelor of Arts

Cruikshank, Louise	Montpelier, Idaho
Fuller, Alta C.	Blackfoot, Idaho
Green, Barbara	Pleasant Grove
Jensen, Lizana Faye	Ephraim
Jensen, Norma	Idaho Falls, Idaho
Larson, Floyd	Mt. Pleasant
McAllister, John W.	Provo
Madsen, Evan A.	Mt. Pleasant
Plummer, Edmund Gail	Heber
Ricks, Lorin R.	Rexburg, Ida.
Snow, Emma	Provo

Bachelor of Science

Durrant, Donna	Provo
Guymon, Glen G.	Provo
Hughes, Bernice	Spanish Fork
Maeser, Evelyn	Provo
Whetten, Theora J.	Provo

GRADUATES WITH HIGH HONORS

Eggertsen, Esther	Fuller, E. Edgar	Stucki, Ezra S.
Evans, W. Leon		Thompson, Leda Fay

GRADUATES WITH HONORS

Blizzard, John E.	Lamph, David D.
Crandall, Karl Kent	Marler, George D.
Davis, Eva Mariam	Pugmire, D. Ross
Harward, Harold	

GRADUATES

NORMAL DIPLOMA

Anderson, James M.	Levan
Anderson, Lucinda	Sigurd
Anderson, Murel	LeGrande Ore.
Anderson, Edna	Spanish Fork
Baker, Ruth E.	Boulder
Ballif, Florus	Preston, Idaho
Barker, Andra	Brigham City
Barnes, Kate	Neola
Bartlett, Julia	Moreland, Idaho
Basinger, Mary J.	Missler, Kansas
Bean, Eleanor I.	Richfield
Bearnson, Bertha	Spanish Fork
Beck, La Zella	Centerfield
Beckstrom, Zella	Panguitch
Bentley, Ciara	Parowan
Bennion, Ruth	Lehi
Black, Melba	Cowley, Wyo.
Blackley, Margaret	Heber
Blanchard, Lois	Springville
Bodell, Pearl S.	Riverton
Bond, Ann	Heber
Bown, Myrtle	Manti
Brough, Leila	Morgan
Brown, Edith	Provo
Buchanan, Ruth	Richfield
Burns, Beatrice	Mt. Pleasant
Bushman, Mary	Snowflake, Arizona
Butterfield, Phyllis	Riverton
Carter, Virginia	Morgan
Cazier, Camille	Nephi
Chadwick, Fay A.	Moab
Christensen, Leola	Levan
Christensen, Ruth	Richfield
Clark Alta B.	Provo
Clark Rhoda	Lehi
Clayson, Alice	Payson

GRADUATES

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Clegg, Hilda	Springville
Cluff, Pauleen	Charleston
Cornaby, Hannah	Spanish Fork
Cowley, Devona	Richfield
Cummings, Nellie R	Heber
de Lange, Alverda	Provo
Densley, Elna	Riverton
Duke, Violet	Provo
Edler, Jennie May	Provo
Ericzon, Dorothy	Salt Lake City
Esplin, Wanda	Orderville
Farrer, Agnes	Provo
Ford, Dorothea	Farmington
Forman, Kate L.	Lyman, Wyo.
Fugal, Alda	Pleasant Grove
Fuller, Jenna Bert	Provo
Gibbons, Armita	St. Johns Ariz.
Gines, Eva	Kamas
Gines, Lola	Kamas
Godfrey, Rayola.....	Idaho Falls, Ida.
Hacking, Marie	Provo
Hall, Ethel A.	Provo
Hansen, Elda	Richfield
Harrison, Florence	Springville
Harwood, Edith	Sandy
Hayes, Alta	Rigby, Idaho
Hicken, Nellie,	Heber
Hobbs, Grace	Weston, Idaho
Holt, Ann	Sandy, R. D.
Holt, Elsie	Sandy, R. D.
Huber, Marguerite	Payson
Huish, Elizabeth	Payson
Huntington, Nell	Springville
Jacobsen, Claudia	Provo
Jensen, Regena	Brigham City

Jeppesen, Geraldine	Provo, R. D.
Johnson, Cecil	Spanish Fork
Jones, Elsie	Provo
Jorgensen, Alice Pearl	American Fork
Jorgensen, Jenniey	Logandale, Nevada
Kirkham, Norma Dee	Provo
Lemmon, Ella May	Brigham City
Lemmon, Martha	Brigham City
Liechty, Gertrude	Provo
Lindsay, Fern	Midvale
McConkie, Ina	Moab
McRae, Gecoza	Bisbee, Ariz.
Malmquist, May	Sigurd
Marrott, Emily	Pleasant Grove
Maxfield, Leona	Hinckley
Mayhew, Edna	Provo
Miller, Bernice	American Fork
Miller, Rowena	American Fork
Miner, Jessie Myrl	Provo
Neff, Lucile	Nephi
Newell, Lona	Mona
Nielson, Jens P.	Huntington
Nielson, Nora A.	Huntington
Nielson, Pricella	Springville
Nisonger, Phyllis	Mammoth
Partridge, Maude	Provo R. D.
Patterson, Venna	Bloomington, Ida.
Penrod, Max	Provo
Perry, Mary H.	Provo
Peterson, Mary	Preston, Ida.
Phillips, Evans J.	Springville
Pitt, Earl	Kamas
Poulson, Marie	Provo
Price, Janet M.	Moab
Prince, Elaine	Price
Probst, Ruby	Midway

GRADUATES

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Rich, Naoma	Paris, Ida.
Robbins, La Cloe	Blackfoot, Ida.
Roberts, Lou Vell	Delta
Sainsbury, Frieda	St. Johns, Ariz.
Schlappi, Alta	Delta
Scott, Zina Mae	Provo
Shoell, Thelma	Pleasant Grove
Shurtleff, Laura	Alameda, Calif.
Simmons, Elizabeth	Payson
Smith, Wm. Lavern	Draper
Smith, Virginia	Draper
Snow, Beulah	Wellington
Sorensen, Grace	Moroni
Sorensen, Mary A.	Spanish Fork
Steadman, Beth	Riverton
Stewart, Edna	American Fork
Stewart, Evelyn	Provo
Stone, Averil	Ioka
Stringham, Anna Lou	Sigurd
Stubbs, Elva	Provo
Taylor, Afton C.	Salt Lake City
Thacker, La Prele	Charleston
Thompson, Alice	Antimony
Turner, Josie Agnes	Heber
Tuttle, Florence	Spanish Fork
Walker, Paul K.	Pleasant Grove
Warner, Thelma	Nephi
Waters, Alta M.	Myton
Webb, Blanche L.	Lehi
West, Ruby	Pleasant Grove
Wheeler, Goldie	Silver City
Whitby, Thelma	Carey, Ida.
Willes, Echo	Lehi
Williams, Hilda	Provo
Wikson, Naomi	Payson
Wride, Prudence	Benjamin
Zager, Angella	Hayden

Enrollment of Students

1926-1927

In the following list "a" stands for arts and sciences; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "ss" for summer school; "G" for Graduate; "S" for Senior; "J" for Junior; "So" for Sophomore; "F" for Freshman; "Un" for Unmatriculated; "Cor" for Correspondence; "Ex" for Extension; and "Sp" for special.

Aagard, Hazel, a-So	Fountain Green
Abbott, Emma C., ss	Mesquite, Nev.
Abelin, Lavern A., Cor	Emery
Adams, Delilah B., Cor	Heber
Adams, Florence Rilma, a-S-ss	Provo
Adams, Mabel, c-F	Parowan
Adams, Phyllis, fa-So	Provo
Adamson, L. B., Ex.	American Fork
Adamson, Maragaret, e-F	Pleasant Grove
Adamson, Melba, ap-Sp	American Fork
Agren, Marian Zina, e-So	Lewisville, Ida.
Albrecht, Clarence Jacob, e-F	Fremont
Alexander, Ina Gardner, ss	Spanish Fork
Alexander, Payton, a-J	Spanish Fork
Alexander, Reta, ss	Panguitch
Allan, Cornelia, Ext	Springville
Alleman, Emma R., Ex	Springville
Alleman, Jean H., c-J	Springville
Alleman, Julia, ss	Springville
Alleman, Lynn, a-S-ss	Springville
Allen, Eva K., Ex	Provo
Allen, John E., c-F	Charleston
Allen, John L., c-So	Alberta, Canada
Allen, Melba K., e-F	Goshen
Allen, Norma, ss	Provo
Allen, Robert K., c-So	Provo
Allen, Wilford F., e-So	Provo

STUDENTS

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Allred, Emanuel C., c-F	Farview
Allred, Elwood B., e-S-ss	Blackfoot, Ida.
Allred, Mrs. Flo, Ex	Spring City
Allred, Genile, e-F	Spring City
Allred, Lee, Ex	Spring City
Allred, Leigh R., e-J	Deseret
Allred, Loa, Ex	Spring City
Allred, Mildred, a-F	Provo
Allred, Reid H., Ex	Spring City
Allred, Warren Radcliffe, ap-J	Provo
Alston, Phyllis, fa-F	St. Anthony Ida.
Anderson, Ada, fa-So	Provo
Anderson, Andrew B., ss	Lehi
Anderson, Andrew M., ss	Cedar City
Anderson, Arvilla G., ss	Escalante
Anderson, A. W., Ex	Mt. Pleasant
Anderson, Dean A., c-F	Provo
Anderson, Dean A., ap-So	Pleasant Grove
Anderson, Dewayne L., Cor	Pleasant Grove
Anderson, E. De Mar, Cor	Fairview
Anderson, Edith M., c-F	Provo
Anderson, Edna M., ss	Levan
Anderson, Elbert, fa-F	Oak City
Anderson, Eunice, fa-Un	Manti
Anderson, Eva Christina, e-F	Pleasant Grove
Anderson, Geneal, a- So	Provo
Anderson, Hugh C., ap-J-Ex	Fairview
Anderson, J. Boyer, a-Sp	Lehi
Anderson, J. Elam, ap-So	Fairview
Anderson, James H., e-J	Beaver City
Anderson, James M., e-So	Levan
Anderson, G. Lowry, c-J	Springville
Anderson, LeGrade, fa-J	Provo
Anderson, Loren A., ss	Spanish Fork
Anderson, Lucinda, e-So	Sigurd
Anderson, Miriam Adair, e-Sp	Paragoonah
Anderson, Myron A., a-F	Pheonix, Ariz.
Anderson, Ora N., ap- So-Cor	Fairview

Anderson Paul E., c-J	Provo
Anderson, Phil M., c-J	Elsinore
Anderson Ray, Ex	Moroni
Anderson, Mrs. Ray, Ex	Moroni
Anderson, Robert Clair, c-S	Manti
Anderson, Sarah, ss	Grantsville
Anderson, Stewart A., e-J-ss	Provo
Anderson, Wallace, Ex	Cedar Valley
Andreasen, Juel LeRoy, a-F	Provo
Andrew, Muriel, e-So	La Grande, Ore.
Andrews, May H., e-F	Nephi
Andrus, Edna, e-So	Spanish Fork
Angus, Bell, e-So	Roosevelt
Arbon, J. Theodore, a-So	Snowville
Arnold, Glen, ss	Huntington
Arrowsmith, Jessie B., Ex	Provo
Ash, Cecil L., Ex	Alpine
Ash, Helen, fa-J	Pleasant Grove
Ashby, Althea, e-S	American Fork
Ashby, Rodney Anthony, e-F	Leamington
Ashby, Rose, ss	St. George
Ashby, Wilford L., c-S	Spanish Fork
Ashman, Mrs. A. J., Cor	Richfield
Ashton, Clarence D., ap-So	Provo
Ashworth, Victor M., fa-J	Provo
Averett, Mrs. R. J., Ex	Springville
Aycock, Edward, c-F	Vernal
Aydelotte, Evalyn, Cor	Manassa, Colo.
Aydelotte, Jarvis, Ex	American Fork
Bailey, Mrs. O. W., Ex	Provo
Bailey, Raymond T., e-J	Nephi
Bailey, Vivien E., ap-So	Salt Lake City
Baird, Alwin, e-S-Sp	Heber
Baird, Bertha M., fa-Sp	Provo
Baird, May, e-F	Heber
Baker, Arthur R., c-F	St. George
Baker, Otto L., Cor	Salt Lake City
Baker, Raymond O., e-J	Beaver

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Baker, Ruth, e-So	Boulder
Ballard, Alice H., ss	St. George
Ball, Edna Mae, a-Un-ss	Springfield, Ill.
Ballif, Algje E., Ex	Provo
Ballif, Carma, c-Sp-ss	Preston, Ida.
Ballif, Florus, e-ss	Preston, Ida.
Ballif, Serge C., a-S-ss-Cor	Preston, Idaho
Banks, Carl,, Ex	Pleasant Grove
Banks, Merrill R., a-F	Lehi
Banks, Grace, e-F	Spanish Fork
Barkdull, Philip, a-S-ss	Provo
Barker, Audra, e-So	Brigham City
Barnes, Frances E., Cor	Logan
Barnes, Kate, e-So-Cor	Neola
Barnett, Owen L., G	Provo
Bartlett, Julia, e-So	Moreland, Ida.
Bartlett, Wm., Cor	Moreland, Ida.
Barton, Bernice, a-F	Manti
Barton, Mrs. Lawrence, Ex	Mt. Pleasant
Basinger, Earl Moses, a-So	Missler, Kansas
Basinger, Mary J., e-So	Missler, Kansas
Basinger, Oliver, a-J	Missler, Kansas
Basinger, Walter, a-F	Missler, Kansas
Batchelor, Verda, fa-So	Provo
Bates, Henry James, a-F	Richfield
Bates, Louis A., Ex	Payson
Batty, Wallace L., a-F	Wallsburg
Baxter, Elwood, Ex	Pleasant Grove
Baxter, H. LeRoy, ap-So	Pleasant Grove
Bayles, Adelia, e-F	Blanding
Bean, Bryan, Ex	Santaquin
Bean, Eleanor I., e-So	: Richfield
Bean, Helen, e-F	Payson
Bean, Marien, e-F	Richfield
Beard, Jos. E., e-ss-Cor	Henefer
Beardall, Warren L., c-J	Springville
Bearnson, Bertha, e-So	Spanish Fork
Beck, D. Elden, a-So	Harbor City, Calif.

Beck, Ed. Morgan, ap-S	Spanish Fork
Beck, L. Eugene, e-So	Nephi
Beck, LaZella, e-So	Centerfield
Beck, Stella, e-S	Spanish Fork
Beckstead, Chloa, ap-Sp	Provo
Beckstead, Oral Alice, e-F	Sandy
Beckstrom, Marvin, e-J	Panguitch
Beckstrom, Zella, e-So	Sandy
Bee, Edith, a-So	Provo
Bee, Florence Ex	Provo
Bee, Maurine, J., fa-So	Provo
Bee, Max C., c-ss	Provo
Beelar, Virgie A., c-F	Provo
Behunin, Joseph L., ap-F	Ferron
Bellows, Norman, a-F	Spanish Fork
Bement, Herman C., e-ss	Kanosh
Bench, Georgia E., a-ss	Provo
Bench, Kathleen, c-F	Duchesne
Bench, Rees E., a-ss-S	Provo
Bennett, Erma, e-ss	Spring Canyon
Bennett, Faun A., e-F	Deseret
Bennion, Ruth, e-Sp	Lehi
Benson, Ammon A., ap-So	Moreland, Ida.
Benson, Constance, ap-J	Logan
Benson, Ezra T., ap-S	Whitney, Ida.
Benson, Joseph D., c-Un	Whitney, Ida.
Benson, Louisa, c-F	Whitney, Ida.
Bentley, Anthony I., a-F	Col. Juarez, Mex.
Bentley, Clara, e-So	Parowan
Bentley, Edward W., e-So	Provo
Bentley, Gertrude, fa-F	Parowan
Bentley, Ivins, e-J-ss	Col. Juarez, Mex.
Bentley, Joseph T., c-J-Cor	Col. Juarez, Mex.
Bentley, Verna D., Cor	New York
Bentwet, Edna H., Ex	Provo
Berge, Charles M., c-So	Salt Lake
Berry, Effie, Cor	Mesa, Ariz.
Berry, Lola, Cor	Bend, Ore.

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Berry, Maree, Cor	Mesa, Ariz.
Berry, W. L., Ex	Lehi
Best, Richard S., a-Un	Springville
Bethers, Pratt M., a-S	Heber
Betts, Kathryn, Ex	Payson
Biddulph, Lowell, a-J	Provo
Biddulph, Orlin, a-So	Provo
Bigelow, Margaret M., ap-Sp-ss	Provo
Bigelow, Percival P., ap-Sp-ss	Provo
Bills, Marie, c-F	Provo
Billings, Fern, fa-Sp	Provo
Bingham, Hope, e-F	Spanish Fork
Bingham, Rilda, a-F	Provo
Bird, Eunice E., fa-F	Provo
Bird, Geo. W., Cor	Springville
Bird, Mary, a-p-J	Springville
Bird, Mary C., Ex	Springville
Bird, Anna S., Ex	Springville
Birk, Arthur, a-F	Provo
Bjerregaard, Kate, Ex	Provo
Bjerregaard, Oscar F., e-ss-Ex	Provo
Bjorkman, S. Robert, e-ss	Heber
Black, Amelia, e-F	Deseret
Black, Joy, e-F	Fillmore
Black, Melba, e-So	Cowley, Wyo.
Blackham, Edgel R., fa-F	Moroni
Blackham, John B., a-So	Moroni
Blackhurst, Clara e-F	Pleasant Grove
Blackley, Margaret, e-So	Heber
Blain, James W., Ex	Spring City
Blake, Verona, c-F	St. Anthony
Blanchard, Lois, e-So	Springville
Blizzard, John E., a-S	St. George
Blizzard, Nina B., a-Sp	St. George
Bleak, Etha, fa-F	Provo
Boardman, Darwin J., ap-So	Provo
Bodell, Pearl, e-So	Riverton
Bodily, Carl R., ap-So	Vernal

Bohman, Ve, a-F	Monroe
Bond, Ann, e-So	Heber
Booth, Cloyd B., c-F	Provo
Booth, Edgar E., a-J-ss	Provo
Booth, Edith Y., Ex	Provo
Booth, Ralph E., fa-ss	Provo
Bosh, Marie, Cor-Ex	Lehi
Boshard, Lois, a-Sp	Provo
Boswell, Leland A., c-So	Nephi
Bowen, Grace e-So	Spanish Fork
Bowen, Lois L., e-J	Spanish Fork
Bowen, Myles F., a-So	Spanish Fork
Bowen, Ray J., a-F	Spanish Fork
Bowen, Sara Oveson, Ex	Mt. Pleasant
Bown, Leland, a-So	Provo
Bown, Myrtle, e-So	Manti
Bown, Newell W., a-F	Provo
Bown, Thelma, e-F	Manti
Boyack, Harold J., c-So	Spanish Fork
Boyack, Jex c-F	Spanish Fork
Boyack, Mark F., e-F	Spanish Fork
Boyce, Annie, e-So	Provo
Boyden, Alden, ap-J	Provo
Boyer, Glen, a-F	Springville
Boyson, Rulon, a-F	Alberta, Canada
Bradford, Rawsel W., c-F	Spanish Fork
Bradshaw, Emma M., c-So	Lehi
Bradshaw, Jessie, Cor	Monticello
Brady, Stanley, Ex	Fairview
Brady, Wm. W., e-ss	Castle Dale
Brandley, Theodore, fa-So	Stirling, Canada
Brasher, Erma, e-F	Altonah
Breinholt, Paul, c-F	Redmond
Brems, Elmo, a-F	Spanish Fork
Brimhall, Clara, Cor	Santaquin
Brimhall, Golden H., a-F	Provo
Brimhall, Helen c-F	Provo
Brimhall, Melvin A., G	Payson

Bringham, Fred R., a-So	Springville
Brinton, F. A., Cor	Los Angeles, Calif.
Broadbent, Berne P., ap-Un-Cor	Provo
Broadbent, J. Grant, c-J	Heber
Broadbent, Leah, a-F	Heber
Broadbent, Naomi, fa-J-ss	Heber
Brockbank, Hazel, e-So	Spanish Fork
Brockbank, Lois, a-So	Spanish Fork
Brooksby, Oscar, a-Un	Fredonia, Ariz.
Brough, Leila, e-So	Morgan
Brown, Alburn, e-ss	Bicknell
Brown, Beatrice, e-So	Manti
Brown, Claudeous J. D., a-S	Ogden
Brown, Dora, Cor	Monroe
Brown, Edith, e-So	Provo
Brown, Ellen E., e-ss	Bicknell
Brown, Elva, fa-Sp	Pleasant Grove
Brown, Evelyn, ap-So	Manti
Brown, Fremont D., a-ss	Rexburg Ida.
Brown, Mildred, e-ss	Monarch
Brown, Miriam, a-F	Farmington
Brown, Norven W., fa-F	American Fork
Brown Welby R., fa-F	Provo
Brown, Winifred E., c-Un	Salt Lake City
Bryner, A. Loyd, a-F	Helper
Bryner, Loren C., a-J	Helper
Buchanan, Eugenia, e-So	Venice
Buchanan, Ruth e-So	Richfield
Buchanan, Thela, e-J	Blackfoot, Ida.
Buckley, Amelia, Ex	Provo
Buckley, Grant S., a-Sp	Provo
Buckwalter, John E., c-J	American Fork
Budge, Newell R., a-F	Paris, Ida.
Bullock, Jas. A., Ex	Provo
Bullock, Marva, Ex	Provo
Bunker, Antoine, ap-Un	Provo
Bunker, Carlyle, ap-F	Provo
Bunker, June, ap-S-ss	St. George

Bunker, Verna B., a-F	Provo
Bunnell, Karl G., ap-F	Provo
Bunnell, LeRoy, ap-S	Provo
Burch, Mary, c-J	Provo
Burdick, Clytia, c-Sp	Payson
Burgener, Inez C., a-J-ss	Myton
Burgener, Owen F., fa-J	Myton
Burnham, Verna, e-ss	Redmesa, Colo.
Burns, Beatrice, e-So	Mt. Pleasant
Burr, Gerald D., ap-So	Provo
Burr, Lila, e-ss-Ex	Provo
Burton, Edward B., c-F	Nephi
Busch, Oscar J., fa-Un	Mancos, Colo.
Bush, Emma, Ex	Pleasant Grove
Bushman, Mary fa-So	Snowflake, Ariz.
Bushnell, Zada Mae, fa-J	Provo
Butler, Rosell, e-ss	Mayfield
Butterfield, Phyllis, e-So	Riverton
Buttle, Leland Bezzant, a-S	Provo
Buttle, William, c-Un	Provo
Buys, Joseph H., fa-So	Eureka
Buys, Thelma, e-F	Eureka
Cahoon, Hortense, c-F	Salt Lake City
Cahoon, Newel S., c-So-Cor	Deseret
Calder, Vera, ap-So	Vernal
Caldwell, Amasa C., e-ss	Jensen
Caldwell, Mary, a-F	Los Angeles, Calif.
Call, Anson B., ap-S	Col. Dublan, Mex.
Call, Lorna, e-F	Col. Dublan, Mex.
Call, Velan D., ap-J	Col. Dublan, Mex.
Cameron, Benj. Jr., Cor	Panguitch
Cameron, Eccles D., c-F	Panguitch
Campbell, Elmo, c-So	Provo
Campbell, Jennie, e-ss-Cor	Provo
Candland, Helen, ss	Provo
Candland, Wendell H., a-So	Provo
Cannon, Clawson Y., G	Provo
Cannon, George O., a-F	Salt Lake City

Cardall, Hannah J., Ex	Provo
Carling, Genevieve H., fa-J	Provo
Carlson, Blenda, Ex	Fairview
Carlston, Mildred, Ex	Fairview
Carlston, Othell C., e-J	Ephraim
Carpenter, Ella, e-ss	Glendale
Carroll, Elsie C., G-ss	Provo
Carroll, Helen, fa-J	Provo
Carter, Virginia, e-So	Morgan
Carter, Norman T., a-Sp	Provo
Cartwright, Letha, e-J-Cor	Beaver
Cartwright, Lorene, a-J	Beaver
Cazier, Camille, e-So	Nephi
Cazier, Jefferson, a-F	Morgan
Chadwick, Fay Allred, e-So	Moab
Chadwick, Wayne E., a-So	American Fork
Chamberlain, Edwin Dilworth, c-So	Provo
Chatwin, Curtin O., e-J	Mammoth
Cheever, Grace S., Cor	Provo
Childs, Alden M., e-F	Springville
Childs, C. H., a-ss-Ex	Springville
Childs, Myrtle, Ex	Springville
Chipman, Henry S., c-F	American Fork
Chipman, Ruth, fa-ss	American Fork
Christensen, Alice, a-F-ss	Fairview
Christensen, A. Sherman, fa-Sp	Provo
Christensen, Alberta H., a-Sp	Provo
Christensen, Carl J., ss	Provo
Christensen Clare B., ap-J	American Fork
Christensen, Edith A., c-Un	Fillmore
Christensen, Ertman H., c-So	Moroni
Christensen, Erval, ss	Provo
Christensen, Elaine E., ss	Provo
Christensen, Everett H., a-F	Provo
Christensen, Hans R., ss	Ephraim
Christensen, J. Oral, Cor	Aurora
Christensen, Laura I., e-ss	Monroe
Christensen, LaVon, e-F	Redmond

Christensen, Leola, e-So	Levan
Christensen, Lorimer, a-F	Spanish Fork
Christensen, Norma, c-So	Richfield
Christensen, Pearl, e-F	Provo
Christensen, Ralph J., a-J	Provo
Christensen, Ruth, e-So	Richfield
Christensen, Victor H., ap-F	Moroni
Christensen, Wane E., ap-So-Cor	Richfield
Christiansen, Jos. R., Ex	Fountain Green
Christiansen, Lillian, e-ss	Mayfield
Christianson, James W., e-ss	Spanish Fork
Christianson, Ray B., ap-J	Spanish Fork
Christmas, Millie, Ex	Spanish Fork
Christofferson, Grant P., ap-F	Lehi
Christopherson, Merrill, a-So	Provo
Clark, Alta B., e-So	Provo
Clark, John L., a-S	American Fork
Clark, Ella, Ex	Lehi
Clark, Josephine, Ex	Provo
Clark, Mrs. Jos C., Ex	Provo
Clark, Lulu, Ex	Provo
Clark, Mable Hone, ss	Provo
Clark, Monroe H., G	Thatcher, Ariz.
Clark, Morrell, Cor	Farmington
Clark, Phyllis, c-F	St. Charles, Ida.
Clark, Radia A., a-F	Oakley, Ida.
Clark, Rhoda J., e-So	Lehi
Clark, Ruth, fa-So	Provo
Clarke, Willard H., c-S-Cor	American Fork
Clayson, Alice, e-So	Payson
Clayson, Anthon, a-F	Spanish Fork
Clayson, Edith, fa-Sp	Provo
Clayson, Lourena M., e-So	American Fork
Clayson, Merrill D., ss	American Fork
Clayson, Zina E., fa-Sp-Ex	American Fork
Clayton, Irene, e-F-ss	Provo
Clayton, Ernest, Cor	Pleasant Grove
Clayton, LaPreal B., e-ss	Provo

Clegg, Elene M., c-F	Tooele
Clegg, Fred W., Cor	Lapoint
Clegg, Hilda, e-So	Springville
Clegg, Jena V., e-So	Provo
Cluff, Don B., e-F	Santa Monica, Calif.
Cluff, Margaret T., Ex	Provo
Cluff, Pauline, e-So	Charleston
Clyde, Clara, e-J	Springville
Cochran, Paul, a-F	Provo
Coffman, Glenn W., fa-So-Cor	Springville
Coffman, Louise, c-So	Springville
Coleman, Jean L., ap-J	Midway
Coleman, Rhea L., fa-F	Midway
Coleman, Ruth, e-F	Midway
Collins, Bessie M., e-F	Provo
Collins, Reed E., c-So	Provo
Colvin, Reed N., c-J	Payson
Condon, David, a-F	Provo
Connell, Wm., a-ss	Provo
Conover, Abram Wilson, c-S	Provo
Conover, Wm. Harrison, c-F	Provo
Cook, Eldon W., a-S-ss	Pegram, Ida.
Cook, Merrill E., a-F	Paris, Ida.
Coombs, Ellis D., Ex	Fairview
Coombs, Grace, c-F	Cardston, Canada
Coombs, Rhea, ap-F	Payson
Cooper, Robert P., a-F	Vernal
Cooper, Venice, J., e-F	Carey, Ida.
Cooper, Von, e-ss	Panguitch
Corbett, Don C., a-S	Provo
Corbett, George L., a-So	Provo
Corbett, Walter C., a-F	Provo
Cordner, Howard B., ap-S-ss	Provo
Cordner, Thomas, Ex	Provo
Cordon, Lewis O., c-F	Rigby, Ida.
Corless, Albert V., fa-J	Paul, Ida.
Corless, Earl R., a-F	Paul Ida.
Corless, Robert S., a-So	Paul, Ida.

Cornaby, Hannah, e-So	Spanish Fork
Cottam Clarence G	Provo
Cottam, Effie F., a-Sp	Provo
Cottam, Moroni J., Ex	Provo
Coulam, Elva L., ap-ss	Lehi
Coulam, Joseph, ap-ss-Cor-Ex	Lehi
Cowley, Devona, e-So	Richfield
Cox, Eldona, ap-F	Ferron
Cox, Max B., a-So	Fairview
Cox, Sadie C., e-ss-Ex	Fairview
Cragun, Frank S., c-So	Provo
Crandall, Gordon E., c-So-Cor	Springville
Crandall, Horace R., c-So-ss	Provo
Crandall, Howard, fa-F	Springville
Crandall, Karl K., c-S	Springville
Crane, C. Burdette, ap-J	Provo
Crane, Franklin J., a-So	Herriman
Crapo, A. J., Cor-Ex	Nephi
Creer, David R., e-F	Bancroft, Ida.
Creer, Ford, c-S-ss	Spanish Fork
Creer, Harold M., c-So	Spanish Fork
Creer, Lenn A., c-Un-Cor	Provo
Creer, Preston J., a-So	Spanish Fork
Croft, Evan M., a-So	Deseret
Crook, Grace, ap-So	Heber
Crookston, Clyde P., Ex	American Fork
Crookston, Lenore, fa-F	American Fork
Crosbie, Evelyn L., fa-F	Provo
Crosby, Sarah J., a-ss	Provo
Crowther, Israel E., ap-Un	Provo
Crowther, R. Eldon, c-So	Provo
Cruikshank, Louise, c-So	Montpelier, Ida.
Cullimore, Owen S., a-So	Pleasant Grove
Cummings, Nellie R., e-So	Heber
Curtis, Robert E., c-J	Provo
Curtis, Ruth F., Cor	Manti
Cutforth, Bert C., a-F	Moreland
Cutler, Berene, e-ss	Alamo, Nevada

Dahl, Clarence, c-F	Sandy
Dahl, Mary Ellen, a-F	Sandy
Dahle, Pearl, c-F	Eureka
Dahlsrud, Henry Alma, e-ss	Scofield
Daniels, Reva S., e-So	Provo
Dangerfield, Clifford, a-So	Provo
Dangerfield, Harold D., a-So-ss	Provo
Dastrup, Ila, ss	Provo
Dastrup, Irene, ap-F	Provo
Dastrup, Louise, ss	Provo
Dastrup, Thelma, a-S	Provo
Dattge, Albert G., c-So	Provo
Davenport, Dorothy, e-F	Portland, Ore.
Davies, Bessie M., ap-J	Provo
Davies, Montez, e-F	Provo
Davis, Boyd, ap-Un	Provo
Davis, Clem, e-Un	Panguitch
Davis, Dale, ap-F	Provo
Davis, Donald D., e-J	Spanish Fork
Davis, Eva M., ap-S	Provo
Davis, Mildred, fa-F	Provo
Davis, Ralph, e-ss	Salem
Day, Harry Leo, a-So	Moab
Dayton, Everett E., a-S	Cokeville, Wyo.
Dean, Lizzette, ss	Salt Lake City
Dean, Stanley R., c-Sp	Provo
Dean Wm., Cor	Carter, Wyo.
Decker, Anna Marie, Ex	Provo
Decker, Dorothy, a-F	Provo
de Jong, Gerritt, Jr., G	Provo
De Lange, Alverda, e-So	Provo
De Lange, Lavon, e-F	Provo
De Lange, Talmage, c-F	Koosharem
Dennis, Eldon, a-So-Cor	Provo
Denison, F Heber, c-J	Manti
Densley, Elna, e-So	Riverton
Devenport, Karl, a-So	Provo
Devey, Elisha, c-F	American Fork

Dickson, Mrs. Abel J., Cor	Morgan
Dickson, Glenn, a-So	Morgan
Dickson, Ola, fa-F	Cowley, Wyo.
Dickson, Ross, a-J	Morgan
Dimick, Gay, a-F	Nampa, Ida.
Dimick, Georgia, a-F	Nampa, Ida.
Dixon, Allie, ap-F-ss	Provo
Dixon, Chas. H., Ex	Payson
Dixon, Donald, a-So	Provo
Dixon, Louise, fa-F	Payson
Dixon, Rulon S., G	Provo
Dixon, Verl G., a-F	Provo
Done, Marba, e-F	Tucson, Ariz.
Done, Otto, a-F	Tucson, Ariz.
Done, William J., G	Tucson, Ariz.
Dotson, Edmi, ss	Salt Lake City
Dougall, Barney, ap-F	Springville
Dougall, Harriet, Ex	Springville
Dougall, Josephine, a-S	Springville
Dudley, Ione, c-F	Magrath, Canada
Duffy, Mrs. M. I., Ex	Springville
Duke, Violet, e-So	Provo
Dunn, Carol, ap-Sp	Provo
Dunford, George O., fa-F	Bloomington, Ida.
Dunyon, Charles, c-F	Draper
Dunyon, Florence G., Ex	American Fork
Durnell, George, e-So	Provo
Durrant, Dean, c-F	Provo
Durrant, Donna, fa-S-ss	Provo
Durrant, Melva, c-J	Provo
Dusenberry, Vernon, c-F	Provo
Duthie, Margaret, fa-So	Col. Juarez, Mex.
Eaton, Clement, ap-F	Vernal
Edler, Jennie M., e-So	Provo
Edwards, Bernell J., ap-ss	Charleston
Edwards, Viola, e-F	Provo
Edwards, Wm. F., c-J	Rigby, Ida.
Egbert, Alice E., fa-So	Sandy

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Eggertsen, Claude A., a-F	Manti
Eggertsen, Esther, a-S-Ex	Provo
Eidson, Margaret, e-F	Provo
Ekins, Leah, ss	Provo
Ellertson, Clarence, Ex	Provo
Ellertson, Jenne N., Ex	Provo
Ellertson, Mamie M., Ex	Provo
Ellett, Almon C., e-ss	Bicknell
Ellett, Arthur O., a-ss-Ex-Cor	Spanish Fork
Ellett, Lorena, e-ss	Spanish Fork
Ellet, Neta R., e-ss	Bicknell
Elliott, Ralph C., c-F	Provo
Ellsworth, Genevieve, Ex	Payson
Ellsworth, Lola, ap-J	Safford, Ariz.
Emert, Dicia, e-J	Roosevelt
Emmett, Gladys, e-ss	Lovell, Wyo.
Engar, Karl J., a-F-Cor	Provo
Engar, M. Louise, ss	Provo
Engar, Norma, a-F	Provo
Ercanbrack, Retia, e-F	Goshen
Erickson, Eva, Ex	Spring City
Ericzon, Dorothy Ruth, e-So	Salt Lake City
Esplin, Wanda, e-So	Orderville
Evans, Alta M., e-F	Mt. Emmons
Evans, Irene, a-ss	Rexburg, Ida
Evans, Iris A., fa-F	American Fork
Evans, W. Leon, a-S-ss	Rexburg, Ida.
Everett, Ellis, a-So	St. George
Eyring, Anthony I., a-J-ss	Pima, Ariz.
Eyring, Catherine, ap-J	Pima, Ariz.
Fagan, Fern, e-ss	Lehi
Fagg, Elizabeth, ss	Reedley, Calif.
Farley, Melda, fa-So	Provo
Farmer, Melvina Dezzie, fa-F	Draper
Farrer, Agnes, e-So	Provo
Farnsworth, Agnes B., ap-F	Ogden
Farnsworth, Philo T., e-S-ee	Manti

Farnsworth, Viola, e-Sp	Provo
Fechser, Clyde I., fa-J	Provo
Fechser, Kenneth F., c-J	Provo
Ferguson, Max B., a-So	Spanish Fork
Ferrin, Wm. B., e-ss	Payson
Fielding, Verona, ap-So	Provo
Fietkau, Elzada E., e-F	Boneta
Fillmore, Maurine, ap-J-ss	Richfield
Finlayson, Bliss L., a-S	Provo
Finlinson, Afton M., ap-So-ss	Leamington
Finlinson, Leda, e-ss	Leamington
Finlinson, Burn Lyman, e-S	Leamington
Finnell, Margaret, a-F	Oakley, Ida.
Fisher, Flora D., Cor	Fillmore
Fitzgerald, H. Alva, a-So-ss-Cor-Ex	Provo
Fitzgerald, John Wm., c-So	Draper
Fitzroy, Nellie G., fa-Sp	Provo
Fjeld, June, e-Sp	Lehi
Fjeldsted, E. LaBarth, e-ss	Gunnison
Flowers, Seville, ss	Salt Lake City
Floyd, Fletcher, fa-F	Vernal
Folland, Grace, ss	Salt Lake City
Foote, Maude E., fa-So	Safford, Ariz.
Ford, Dorthea, e-So	Farmington
Ford, Nora, c-F	Centerville
Forman, Kate L., e-So	Lyman, Wyo.
Foster, Rhoda Fern, ap-S	Thatcher, Ariz.
Fotheringham, Otho K., a-S	Provo
Fotland, Clara, e-F	Provo
Fowler, Margaret Louise, a-F	Idaho Falls, Ida.
Fox, Estella D., e-F	Pleasant Grove
Francom, Harriet, Ex	Provo
Frandsen, Ernest, ss	Redmond
Frandsen, Florence L., a-F	Springville
Frandsen, Kate, ap-So	Springville
Frandsen, Lena, e-F	Price
Frei, J. Claud, e-ss	Santa Clara
Frei, Newell R., a-J	Santa Clara

Fugal, Alda, e-So	Pleasant Grove
Fugal, Glen R., fa-So	Pleasant Grove
Fuller, Alta C., fa-S-Ex-ss	Blackfoot, Ida.
Fuller, E. Edgar, a-S-ss	Cantonment, Fla.
Fuller, Jenna, e-So	Provo
Fuller, Livonia W., a-J	Provo
Gagosian, Viola, e-ss	Price
Gale, Alice, e-ss	Beaver
Gammon, Thornley, c-F	Provo
Garcia, James H., a-F	St. Johns, Ariz.
Gardner, Edward Ray, ss	Provo
Gardner, Garr, c-So	Orange, Calif.
Gardner, George G., e-F	Levan
Gardner, Gladys, e-F	Spanish Fork
Gardner, Irvin E., e-ss	Salem
Gardner, Margaret, ap-Sp	Delta
Gardner, Mark, a-F	Spanish Fork
Gardner, Robert, e-J-ss	Orange, Calif.
Gardiner, Thelma, a-F	Panguitch
Garff, Minnie, ss	Salt Lake City
Garratt, E. D., Cor	Salt Lake City
Garrett, Edith, ap-Sp	Nephi
Garrett, James L., a-J-Ex	Nephi
Garrett, J. Earl, c-So	Nephi
Garrett, J. O., Ex	Provo
Garrett, Mrs. J. O., Ex	Provo
Gates, Emma Grace, fa-S-ss	St. George
Gates, Florence K., e-Sp	Provo
Geary, Fawn, c-J	Huntington
Geddes, Osa, e-ss	Preston, Ida.
Gee, Edith, ap-S-ss	Provo
Gee, George O., c-J	Provo
Gee, Urvin, Ex	Moroni
George, Laura, e-ss	Escalante
George, Leslie DeVere, c-S	Provo
Gerber, Fern, e-ss	Provo
Gessford, Thomas C., c-F-ss	Provo
Gibbons, Armita, e-So-Cor	St. Johns, Ariz.

Gibbons, LeRoy, fa-F	St. Johns Ariz.
Gibson, Inez, e-F	St. Thomas Nevada
Gilchrist, Ione, Ex	Lehi
Gilchrist, Bruce, a-So	Ontario, Ore.
Gilchrist, Max, a-F	Ontario, Ore.
Gilchrist, Robert Jr., a-S	Ontario, Ore.
Giles, Mary, e-ss	Provo
Gillespie, Annie L., ss	Provo
Gillespie, Elizabeth H., Cor-Ex	Provo
Gillespie, Ethel, Cor	Blanding
Gillespie, Ralph L., a-F	American Fork
Gines, Eva, e-So	Kamas
Gines, Lola, e-So	Kamas
Gines, Reta, fa-F	Roosevelt
Glazier, Helen, fa-J	Provo
Glazier, Karl, c-J	Kanab
Gleason, Anton J., ap-F	Pleasant Grove
Gledhill, Ora, a-F	Richfield
Godfrey, Alice Pearl, ap-Sp	Idaho Falls, Ida.
Godfrey James A., a-J-ss-Cor	Provo
Godfrey, Rayola Fae, e-So	Idaho Falls, Ida.
Goodrich, Forrest, ap-Un	Tridell
Goodrich, Mildred, e-F	Roosevelt
Goodrich, Oral, e-F	Roosevelt
Goodrich, Ruth, a-F	Vernal
Grace, Anna, c-J-Cor	Nephi
Graff, Chester, e-J	Santa Clara
Graff, Clara e-ss	Santa Clara
Graham, Maitland, Ex	Fairview
Graham, Marilla, a-So-ss	Provo
Graham, Marian, a-S	Provo
Graham, May, a-J	St. George
Graham, Verenna, e-J	Fairview
Grant, Jennie, e-So	Provo
Green, Barbara fa-S	Pleasant Grove
Green, Ramona, e-So	Parowan
Greenwood, Clara, Ex	American Fork
Greenwood, Quentin E., a-So	American Fork

Creer, Stansell H., ap-So	St. Johns, Ariz.
Gribble, J. W., Cor	Salina
Griffiths, David F., e-ss	Minersville
Grimmett, Adelia, a-ss	Moreland, Ida.
Grotegut, Arthur, e-So	Spanish Fork
Grover, Milton C., e-So	Rigby, Ida.
Grover, Roscoe A., e-ss	Nephi
Grover, Ruth, ap-F	Nephi
Gunderson, V. H., Ex	Mt. Pleasant
Gudmundson, Leona, a-Un	San Bernardino, Calif.
Guild, Ella M., a-ss	Flint, Mich.
Gurney, Frances John a-ss	Lehi
Gurney, J. Ferrin, a-F	Lehi
Guymon, Glen G., S-ss	Provo
Hacking, Marie, e-J	Provo
Hafen, H. Val, e-ss	Santa Clara
Hafen, Leland, a-ss-Cor-Ex	St. George
Hagan, Chas. W., e-F	Spanish Fork
Hagan, J. Waldo, c-So	Spanish Fork
Haldeman, H. J., Cor	Long Beach, Calif.
Hale, Wm. W., Cor	Afton, Wyo.
Hales, Wallace M., Cor	Provo
Hall, Ethel A., e-So	Provo
Halverson, Muriel B., Ex	Provo
Hamblin, Lawson O., a-So	St. Johns, Ariz.
Hammond, May C., e-Sp-ss	Provo
Hammond, Rose, c-F	Mancos, Colo.
Handley, George Kenneth, c-J	Sandy
Handley, Harold W., e-F	Sandy
Hanks, Charles L., e-ss	Salem
Hansen, Afton, fa-ss	Provo
Hansen, Anita Viola, fa-So	Provo
Hansen, Blaine, ap-S	Spanish Fork
Hansen, DeVeda, e-ss	Ephraim
Hansen, Donna, ap-So	Mapleton
Hansen, Elda, e-So	Richfield
Hansen, Eliza J., Ex	Mt. Pleasant

Hansen, Elmo H., e-F	Lehi
Hansen, Evelyn, fa-Sp	Provo
Hansen, Fern, e-F	Payson
Hansen, Mrs. Geo A., Ex	Provo
Hansen, June M., a-Sp	Provo
Hansen, Mrs. Leona, Cor	Colton, Calif.
Hansen, Lilian A., Cor	Leota
Hansen, Mrs. E. H., Ex	Provo
Hansen, Leo, Ex	Lehi
Hansen, Lydia, e-F	Richfield
Hansen, Margaret H., a-J	Provo
Hansen, Mary, ss	Provo
Hansen, Merlyn, e-So	Richfield
Hansen, Orsen, e-So	Springville
Hansen, Ruth, e-F	Richfield
Hansen, Ruth, fa-J-ss	Provo
Hansen, Teddie C., c-F	Richfield
Hansen, Terrance C., e-F	Redmond
Hansen, Utahna C., e-F	Goshen
Hansen, Wm. F., fa-Sp-ss	Provo
Hansen, Zoe, ss	Provo
Hardy, Edna, ss	Moroni
Hardy, Stanley S., a-J	Midview
Hardy, H. Vern, c-F	Manila
Harmer, Floss, Cor	Springville
Harmon, Chauncey S., a-S	Manti
Harmon, Clarence, Ex	Provo
Harmon, Dorothy, e-So-ss	Provo
Harmon, Minnie, ss	Provo
Harmon, Vera, e-J	St. George
Harmon, Verna, e-J	St. George
Harris, Arlene, ap-So-ss	Provo
Harris, Carl J., c-S-ss	Provo
Harris, Estella S., ss	Provo
Harris, Franklin H., ss	Provo
Harris, Kenneth J., a-So	Ucon, Ida.
Harris, H. S., ss	Provo
Harris, Marion L., G-ss	Salt Lake City

Harris, Oley C., a-Sp-ss	Provo
Harris, Stella ,fa-J-ss	Payson
Harris, Sylvia, e-F ⁿ	Greenriver
Harris, Vivian, e-ss-Ex	Pleasant Grove
Harris, Waldo M., e-So	Provo
Harrison, Bertrand F., a-F	Springville
Harrison, Carroll H., a-J	Springville
Harrison, Florence, e-So	Springville
Harrison, Gladys, ss	Springville
Harrison, J. Wm., G-ss	St. George
Hart, Cecil E., a-So	Rigby, Ida.
Hart, Clarice H., ap-Sp-ss	Provo
Hart, David F., a-So	Rigby, Ida.
Hart, J. Irel, a-F	Rigby, Ida.
Hart, Veda L., e-S	Rigby, Ida.
Hartle, Lida, e-Sp-ss	Vernal
Harward, Harold, c-S	Springville
Harwood, Edith, e-So	Sandy
Haslam, Kenneth, c-So	American Fork
Hasler, Arthur, a-F	Provo
Hassell, Thelma M., e-F	Mammoth
Hastings, Wm. Grant, ap-F	Mesa, Ariz.
Hatch, Ernest S., ap-F	Col. Juarez, Mex.
Hathcock, Luella Ward, fa-J-ss	Preston, Ida.
Hatton, Bessie, a-F	Provo
Hatton, Beulah, a-ss	Provo
Hatton, S. Ross, a-Sp	Provo
Hawkins, Wilma S., Ex	Provo
Haycock, Francis M., c-J	Panguitch
Hayes, Alta, e-So	Rigby, Ida.
Hayes, Alton J., Cor	Provo
Hayes, Guy V., Cor	Spanish Fork
Hayes, Mary G., fa-Sp-ss	Provo
Haymore, Erma R., ap-S-ss	Douglas, Ariz.
Haymore, Katie, e-F	Douglas, Ariz.
Haymore, Leah, ap-F	Douglas, Ariz.
Haynie, Anthon V., c-F	Manassa, Colo.
Hayward, Lynn, a-S-Cor	Paris, Ida.

Heaton, Gerald F., Ex	Provo
Heaton, Winnafred, a-F	Idaho Falls, Ida.
Heelis, Lavern, e-ss	Santaquin
Hebertson, T. C., Ex	Provo
Hedquist, Walter, Ex	Provo
Heindselman, Erma Dee, c-So	Provo
Henderson, Laura, e-ss	Provo
Henderson, Zelda, a-So	Provo
Hendricks, Milo C., c-F	Provo
Hendrickson, Dortha, c-F	Logan
Heninger, Lois, fa-Un	Alberta, Canada
Herring, Floyd, fa-Sp	Provo
Heslington, Richard A., e-F	Adamsville
Heywood, Winnie Bell, fa-F	Panguitch
Hibbert, J. Lovell, c-S	Mesa, Ariz.
Hickman, Felton, Ex	Lehi
Hicken, Nellie, e-So	Heber..
Hicks, Hannah D., Ex	Provo
Hill, Allen J., Cor	Holly Oak, Del.
Hill, Willis, a-So	Spanish Fork
Hillman, Guy, a-F	Pleasant Grove
Hilton, Vera Snow, Cor	Delta
Hinckley, Abrelia S., a-ssEx	Mt. Pleasant
Hinkley, Christene, c-F	Provo
Hinckley, Ethel, e-Sp	Salt Lake City
Hinckley, Evelyn M., Ex	Provo
Hinckley, Lucilla M., ap-Sp	Hinckley
Hinckley, Maurine, fa-J	Ogden
Hinckley, Rulon T., ap-J-Cor	Hinckley
Hindley, Mona, fa-Sp	American Fork
Hobbs, Grace, e-So	Weston, Idaho
Hodgkinson, Hilda, e-F	Vernal
Hodson, Ethel, a-S-ss	Provo
Hodson, Marva, a-J	Provo
Hogensen, Sylvia B., Cor	Boise, Idaho
Holbrook, Jennie, fa-So-ss	Provo
Holbrook, Raymond B., c-S	Provo
Holdaway, V. L., Ex	Goshen

Holfeltz, Lamont, a-J	Vernal
Holgate, Verna, ap-F	Orderville
Holland, Jas. M., e-J	Rigby, Idaho
Holt, Ann, e-So	South Jordan
Holt, Bernice M., e-F	Spanish Fork
Holt, Essie, e-So	South Jordan
Hone, Merrill R., a-F	Spanish Fork
Hone, Rulon J., a-F	Pleasant Grove
Hooton, Laura, Cor	Sandy
Hortin, Alice P., ap-F	Oakley
Hortin, L. Paul, e-So	Oakley
Houston, David Crawford, c-S	Panguitch
Houston, Julia E., ap-F	Provo
Houtz, Ray, a-J	Provo
Howard, Orin, ss	Riverton
Hoyt, Helen Grace, G-ss	Provo
Hoyt, Harrison V., G-ss	Provo
Huber, Marguerite, e-So	Midway
Huber, Orabel, e-F	Payson
Huber, Robert E., c-J	Payson
Hughes, Anna B., fa-F	Spanish Fork
Hughes, Bernice, Cor-ss	Spanish Fork
Hughes, George D., E-x	Ht. Pleasant
Hughes, Gladys, e-ss	Mendon
Hughes, Julia Anderson, fa-J-ss	Provo
Hughes, J. Russell, fa-ss	Provo
Huish, A. E., Ex	Provo
Huish, Elizabeth, e-So	Payson
Hughes, A. E., Ex	Provo
Huish, LaVieve, Ex	Provo
Hunter, Zella L., c-F	St. Anthony, Ida.
Hunting, Olen, c-F	Vernal
Huntington, Mae, Ex	Springville
Huntington, Nell, e-So-Cor	Beaver
Huntsman, Cleon, e-F	Ferron
Huntsman, Ralph, fa-J	Provo
Hurst, Vera, Ex	Payson
Hutchings, Jessie, ap-So	Springville

Hutchings, Loman F., a-F	Springville
Hutchings Selar S., a-S	Springville
Hyde, Estella S., Ex	Provo
Ingersoll, Brown, a-F	American Fork
Innes, Stanley S., e-F	Provo
Irving Beryl, fa-ss	Chester
Isaacson, Eddie I., e-S	Ephraim
Iverson, Bessie L., a-F	Provo
Iverson, Chas. M., e-S-ss	Provo
Iverson, Vernee H., e-ss	Salem
Ivie, James O., a-F	Salina
Jackson, Amy R., ss	Provo
Jackson, Ira C., Cor	Lake Point
Jackson, Mrs. P. W., Ex	Provo
Jackson, Wm. G., a-F-Cor	Manassa, Colo.
Jacobs, Dorothy, a-S	Mt. Pleasant
Jacobs, James L., ap-F	Mt. Pleasant
Jacob, Horace Wendell, a-F	Provo
Jacobson, Arvilla, e-F	Hinckley
Jacobson, Erma, e-ss	Provo
Jacobson, Claudia, e-So	Provo
Jacobson, Oscar C., e-F	Richfield
Jacobson, Reva, e-F	Provo
Jacobson, Revel F., c-F	Provo
Jacobson, Tess, Cor	Monroe
Jarman, LeGrand, ap-S	Pleasant Grove
Jarvis, Joseph S., ss	Provo
Jeffery, Emily, e-F	Delta
Jeffery, Pearl, e-F	Delta
Jenkins, Flora B., fa-ss- Ex	Provo
Jenkins, Hyrum, Ex	Eureka
Jenkins, Mark, a-F	Provo
Jenkins, Nettie D., Ex	Provo
Jense, Wesley, c-Sp	Pleasant Grove
Jensen, Anona, fa-F	Payson
Jensen, Clerynth, e-ss	Beaver
Jensen, Della E., e-ss	Emery

Jensen, Edna, a-So	Idaho Falls, Ida.
Jensen, Emma S., ss-Ex	Provo
Jensen, Esmont, e-F	Redmond
Jensen, Faye, fa-S	Ephraim
Jensen, Golda, Ex	Pleasant Grove
Jensen, Iola Elsie, e-ss	Emery
Jensen, James S., e-ss-Ex	Mt. Pleasant
Jensen, Julia Bateman, G	Provo
Jensen, John, e-J	Mendon
Jensen, Milton L., e-ss	Sandy
Jensen, Myrtle E., a-J	Huntsville
Jensen, Norma, fa-S	Idaho Falls, Ida.
Jensen, Regena, e-So	Brigham City
Jensen, Ross L., a-J	Oakley
Jensen, Ruby S., e-ss-Ex	Mt. Pleasant
Jeppesen, Geraldine, e-So-ss	Provo
Jeppesen, C. Rulon, e-J	Moore, Ida.
Jeppesen, Myron A., Cor	Moore, Ida.
Jeppson, Wilma, e-S-ss-Ex	Provo
Jessen, Alameda, e-ss	Richfield
Jex, Clifford, a-So	Spanish Fork
Jex, Oleta, e-S	Salt Lake City
John, Gussie B., Ex	Provo
John, Wm. Clarence, c-So	Provo
Johns, Floyd W., a-So	Delta
Johnson, Alice W., e-ss	Mt. Pleasant
Johnson, Bonnie P., e-F	Garden Grove, Calif.
Johnson, Cecil, e-So	Spanish Fork
Johnson, Elsie E., a-S	Benjamin
Johnson, Ernest M., fa-Sp	Vernal
Johnson, Eugene W., ap-F	Springville
Johnson, Evelyn, a-Sp	Vernal
Johnson, Gail, fa-J	Aurora
Johnson, George Wesley, c-S	Long Beach, Calif.
Johnson, H. E., Ex	Pleasant Grove
Johnson, Ida, e-ss	Gunnison
Johnson, Jacquita, ap-F	Provo
Johnson, Julia, Ex	Springville

Johnson, LeNore, a-ss	Provo
Johnson, Lyeon I., c-J-Cor	Pleasant Grove
Johnson, Margaret E., a-J	Nampa, Ida.
Johnson, Maria, a-ss	Springville
Johnson, Mark Wm., e-F	Mapleton
Johnson, Martin J., c-Un	Provo
Johnson, Norma, ap-F	Afton, Wyo.
Johnson, Olive A., ap-Sp	Santaquin
Johnson, Owen W., c-S	Provo
Johnson, Rhoda, fa-J-ss	Provo
Johnson, Ruby, c-F	Idaho Falls, Ida.
Johnson, Thomas F., ap-F	Aurora
Johnson, Tilly B., Ex	Mt. Pleasant
Johnson, Vera, e-So-ss	Vernal
Johnson, Willard L., ap-F	Aurora
Johnson, Wilford T., e-So	Spanish Fork
Johnson, Willis F., a-ss	Provo
Jolley, B. Manning, a-ss-Ex	Provo
Jolley, Ira., e-ss	Washington
Jolley, J. Orlando, a-F	Provo
Jones, Alice, e-F	Provo
Jones, Cannon, Ex	Provo
Jones, Clifford, a-So	Fairview
Jones, LeRoy, e-ss	Enoch
Jones, Elsie, e-So	Sunnyside
Jones, Elwood, ap-F	Springville
Jones, Etta, fa-Sp	Provo
Jones, Florence Irene, e-F	Provo
Jones, Jesssie, e-F	Provo
Jones, Lucy V., c-ss	Vernal
Jones, S. Rosalin, e-ss	Vernal
Jones, T. Wm., Ex	Provo
Jorgensen, Alice Pearl, e-So	American Fork
Jengensen, Darrel A., a-Un	Logandale, Nev.
Jorgensen, Drew, ap-S	American Fork
Jorgensen, Elsie E., ap-So	Logandale, Nev.
Jorgensen, Irene L., e-F	Provo
Jorgensen, Jenniev, e-So	Logendale, Nev.

Jorgensen, Juanita, fa-ss	Sandy
Jorgensen, Luella, Ex	Mt. Pleasant
Jorgensen, Myron N., a-J	American Fork
Josie, Charles, e-F	Provo
Judd, Eva L., e-F	Idaho Falls, Ida.
Jude, Fern, fa-So-ss	Ogden
Justesen, Bernice, e-ss	Spring City
Kartchner, Alton C., a-F	Provo
Kartchner, James A., ss-Cor	Provo
Kartchner, Wayne E., a-S-ss	Provo
Kay, Eldred, a-F	Provo
Kay, Lee, e-ss	Charleston
Kay, Rheta, fa-Sp-ss-Cor-Ex	Provo
Keate, Dorthy J., e-Sp	Salt Lake City
Keeler, Essie R., e-ss-Ex	Provo
Keeler, Paul F., ap-F	Provo
Kelley, Elizabeth H., Cor	Castle Gate
Kelly, Howard G., a-F	American Fork
Kelly, Myrle M., e-F	Midway
Kelsey, Fred, a-J	Springville
Kent, Mary E., Cor	Eugene, Ore.
Kerr, Margaret G., e-ss	San Francisco, Calif.
Killpack, Geo. N., Cor	Spring Canyon
Killpack, Theron W., c-J	Provo
Kimball, A. Lavoy, c-J-ss	Kanosh
Kimball, Lenora, e-F	Draper
Kimball, A. Noble, c-J	Kanosh
Kindred, Clifford M., c-J	Springville
Kindred, Marie, ap-So	Springville
King, Alma W., a-F	Garland
King, Gladys, ap-F	Provo
King, Hugh V., c-J	Provo
King, Mrs. O. H., Ex	Provo
King, Wm. E., a-F	American Fork
Kirk, Margaret, ap-F	Pleasant Grove
Kirk, Odeal C., ap-S	Pleasant Grove
Kirk, Zina, e-F	Pleasant Grove
Kirkham, Norma Dee, e-So	Provo

Knight, Jennie B., a-So	Provo
Knowlton, Jannetta, e-F	Farmington
Knudsen, Adelia, Ex	Springville
Knudsen, Clarence L., a-So	Provo
Knudsen, Clifford M., a-F	Provo
Knudsen, Eva, e-F	Provo
Knudsen, Ida, Ex	Provo
Knudsen, Harold R., ap-S	Provo
Knudsen, Hilda L., ap-Un	Provo
Knudsen, Lillian R., a-S	Lehi
Krauss, Max O., ap-Un	Provo
Kuhni, Paul, fa-Un	Midway
Lambert, Asael C., G	Provo
Lamph, David D., e-J-ss	Cleveland
Laney, Guy, a-F	Brigham City
Larsen, Alton R., e-J	Duchesne
Larsen, Andrew K., Cor	Washington
Larson, Blaine, a-J	Provo
Larson, Blanch, e-ss	Lehi
Larsen, Burgis, a-F	Spanish Fork
Larson, Clark C., a-J	Randlett
Larson, Eldon, fa-ss-Cor	Washington
Larson, Elmo, a-F	Provo
Larson, G. W., Ex	Pleasant Grove
Larson, Floyd, fa-S	Mt. Pleasant
Larsen, Frederick, a-Sp	Provo
Larsen, Kathyryn, e-So	Price
Larsen, Leland G., a-Un	Duchesne
Larson, Linda, e-ss	Washington
Larsen, Norman, c-S	Spanish Fork
Larsen, J. Perry, a-F	Spanish Fork
Larson, Remina, fa-F	Randlett
Larson, Thorai, ap-So	Randlett
Lasson, Glen D., a-So	Fairview
Leak, Lawrence W., c-F	Sandy
LeaMaster, Zina, e-So	Sunnyside
Leavitt, Charity, ap-S-Cor	Bunkerville, Nev.
Leavitt, Crayton L., e-ss	Santa Clara

Leavitt, Erving J., fa-F	Mesquite, Nev.
Leavitt, Melvin, a-F	Bunkerville, Nev.
Leavitt, Randy, a-F	Bunkerville, Nev.
Leavitt, Violet, Cor	Mesquite, Nev.
Lee, Belva, fa-J	Rigby, Ida.
Lee, Glen S., e-S	Panguitch
Lee, Inez, e-F	Hyde Park
Lee, Lawrence, fa-J	Rigby, Ida.
Lee, Mary, fa-So	Brigham City
Lemmon, Ella May, e-So	Rigby, Ida.
Lemmon, Genova L., a-J	Brigham City
Lemmon, Martha, e-So	Brigham City
Lemmon, Wanda I., c-F	Rigby, Ida.
LeRoy, Ellis W., ap-F	Mapleton
LeRoy, Mary, ap-F	Mapleton
Leonard, Maxine, a-ss	Salt Lake City
Levie, Katie, e-F	Sevier
Lewis, Fred, a-F	Provo
Lewis, George K., fa-J-ss	Salt Lake City
Lewis, John, ap-S	Payson
Lewis, Mildred, a-S-ss	Provo
Lewis, Pamella, c-J	Spanish Fork
Lewis, Roger V., ap-F	Eureka
Lewis, J. Rowe, a-F	Spanish Fork
Lewis, Rulon D., ap-So	Marion
Lewis, Wayne, a-S	Spanish Fork
Lewis, William S., a-F	Payson
Liechty, Gertrude, e-So	Provo
Lindsay, Fern, e-So	Midvale
Linebaugh, Jewel A., fa-So	Pleasant Grove
Linford, Phebe M., a-S-ss	Provo
Little, C. L., Cor	Buhl, Ida.
Livingston, Afton M., a-ss	Manti
Lloyd, Donald P., a-JCor	St. Anthony, Ida.
Lloyd, Wesley P., e-SCor	St. Anthony, Ida.
Losee, W. E., Ex	Provo
Loveless, Elmer D., c-Un	Provo
Loveless, Willis, c-So	Payson

Lovell, Nell, Cor	Oak City
Loveridge, Thomas LeRoy, a-F	Lehi
Lowry, Ethel, fa-J-ss	Manti
Loynd, Sara, e-ss	Springville
Ludlow, Ardell, e-F	Spanish Fork
Luke, Mabel, a-J	Manti
Lund, Ethel, Ex	Mt. Pleasant
Lund, Leon G., e-ss	Fountain Green
Lundell, Leah, e-ss	Benjamin
Lyman, Homer A., c-Un	Teasdale
Mabey, Irvine A., a-Sp	Provo
Madsen, Alta E., c-So	Provo
Madsen, Evan A., fa-S	Mt. Pleasant
Madsen, Franklin, G	Provo
Madsen, Geo. Frank, ap-F	Provo
Madsen, Julius V., fa-Un	Provo
Madsen, Willis, a-So	Provo
Maeser, Evelyn, fa-So-ss	Provo
Maeser, Georgia, e-J	Provo
Magleby, Louisa, a-J	Monroe
Magleby, Reed W., ap-So	Monroe
Major, F. R., Ex	Wales
Malmquist, May, e-So	Sigurd
Mangelson, LeGrande, c-J	Levan
Mangum, Max K., c-So	Provo
Mann, Verl, ap-Sp	Provo
Manning, Ruth, fa-ss	Ogden
Manson, Aline, a-F	Provo
Manwaring, Wilford M., a-F	Springville
Markham, Gladys S., fa-Sp	Provo
Markham, Lucile, fa-So	Provo
Marler, George D., a-S	Thornton, Ida
Marrott, Emily, e-So	Pleasant Grove
Marshall, Julia T., a-Sp	Provo
Martin, Edward, a-So	Salt Lake City
Martain, Gwendolyn, ap-F	Springville
Martineau, Carl P., fa-F	Col. Juarez, Mex
Mathews, Kate, e-ss	Provo

Matley, Eleanor, e-ss	Spanish Fork
Matley, Mark A., Cor	Spanish Fork
Maxfield, Leona, e-So	Hinckley
Maycock, Ella, Ex	Springville
Maycock, Howard C., a-F	Springville
Maycock, Lena C., Ex	Springville
Mayer, Clifford, Ex	Fountain Green
Mayhew, Edna, e-So	Provo
McAllister, ohn W., fa-S-ss	Provo
McCarrey, Lucille, Cor	Richmond
McCarthy, Lula, a-Sp	Provo
McClellan, Lula, ap-So	Col. Juarez, Mex.
McClurg, Margaret, e-ss	Greenriver
McCord, Harry, a-F	Provo
McCord, Marian, e-ss	Provo
McCord, Moneita, Ex	Provo
McCord, William B., a-So	Provo
McConkie, Ina, a-So	Moab
McCullock, Marie, e-ss	Durango, Colo.
McCune, Herman W., a-F	Nephi
McDaniel, Roy S., e-J	La Jara, Colo.
McDonald, Melvin, c-So	Heber
McDonald, Kenneth G., a-So	American Fork
McIntosh, Kimball D., a-S	Provo
McKell, R. D., Ex	Payson
McMullin, Ruby, a-F	Payson
McLean, Fanny G., Ex	Provo
McOmie, Robert M., e-S-ss-Cor	Provo
McRae, Gecoza, e-So	Bisbee, Ariz.
Mendenhall, Arlene, Ex	Springville
Mendenhall, Helen, a-So	Springville
Mendenhall, Mrs. J. F., Ex	Springville
Menlove, Roy, a-J	Lankershim, Calif.
Menzies, Belva, e-F	Provo
Merkley, Cecil, e-S-ss	Provo
Merkley, Charles N., a-F	Tridell
Merrill, Mrs. Amos N., ap-Sp	Provo
Merrill, Donald P., a-F	Preston, Ida.

Merrill, Edna J., e-Sp-ss	Provo
Merrill, Erma J. e-Sp	Provo
Merrill, H. G., Ex	Provo
Merrill, Harrison R., ss	Provo
Merrill, Vernon N., e-So	Provo
Merrill, Virginia, e-ss	Preston, Ida.
Metcalf, John E., e-ss	Gunnison
Meyer, Mildred, e-ss	Richfield
Michelson, Aleda, Cor	Mayfield
Midgley, George C., e-Sp	Salt Lake City
Miller, Alberta, a-F	Provo
Miller, Berniece, e-So	American Fork
Miller, Clay A., a-F	Spanish Fork
Miller, Hilda E., fa-J-ss	Provo
Miller, Karl A., ap-J	Provo
Miller, Melvin C., c-S	Provo
Miller, Nina M., ap-J	Provo
Miller, U. Lynn, c-J	Murray
Miller, Rowena, e-So	American Fork
Millet, Roy F., Ex	Fountain Green
Milligan, Frank B., a-Sp	Merkel, Texas
Miner, Ila E., ap-F	Fairview
Miner, Jessie, e-So	Provo
Miner, Melvin, a-F	Provo
Miner, Loie, Ex	Provo
Miner, O. L., Cor	Kanosh
Miner, Thola, e-F	Salt Lake City
Miner, Verda, fa-ss	Fairview
Mitchell, D. R., Ex	Lehi
Mitchell, Frank A., c-Un	Provo
Mitchell, Leroy L., c-So	American Fork
Mitchell, L. Wm., e-Sp-Ex	Provo
Mitchell, Samuel, ap-So	Provo
Moffitt, James Wm., a-F	American Fork
Moffitt, Elvira, e-F	Talmage
Moffitt, J. Clifton, G	Provo
Moffitt, R. Easton, Ex	Pleasant Grove
Monson, June, a-F	St. Charles, Ida.

Monson, Ray, Ex	Payson
Moody, Emerald L., c-So	Hinckley
Moody, Milo C., a-F	Hinckley
Moody, Milton E., e-S-ss	St. George
Moody, Milton W., ss	Delta
Moore Fred M., c-F	Provo
Moore, Martha J., c-Sp	Provo
Moore, Samuel D., G	Pleasant Grove
Moore, Vernon S., e-F	Payson
Morgan, David a-F	Spanish Fork
Morgan, Edyth E., c-F	Nephi
Morgan, J. Frank, a-S	Spanish Fork
Morgan, Harriet, ss	Spanish Fork
Morgan, Mildred, e-ss-Ex	Provo
Morgan, Ralph W., e-F	Levan
Morrill, L. Grant, fa-S	Tridell
Morrill, A. Reed, e-J	Tridell
Morris, Rachel, a-Sp	Provo
Mortensen, Clair, Ex	Provo
Mortensen, Clifford, e-J	Mesa, Ariz.
Mortensen, Francis N., ap-S	Ephraim
Mortensen, Harry B., e-ss	Cleveland
Mortimer, Ireta, ap-F	Provo
Mortimer, Wm. E., e-J	Provo
Mortimer, W. J., Ex	Provo
Mower, Clarence Elton, e-F	Roosevelt
Mowers, John, Ex	Mt. Pleasant
Mower, Melvin R., e-F	Roosevelt
Munk, Lewis E., a-So	Georgetown, Ida.
Murdock, Paul B., ss	Provo
Murdock, Zina C., ap-F	Provo
Murphy, Iva Dell, Ex	Payson
Murray, Bea, e-F	Vernal
Musig, Ruth C., e-F	Springville
Myrup, Orion F., a-J	Provo
Naylor, Ralph P., c-Sp-ss	Provo
Nebeker, Myrtle, Cor	Richfield
Neff, Lucile, e-So	Nephi

Nelson, A. J., Ex	Moroni
Nelson, Blanche, e-F	Provo
Nelson, Carl E., c-J	Brigham City
Nelson, Charles A., ap-F	Provo
Nelson, G. Elroy, c-So	Pleasant Grove
Nelson, Harold S., a-F	Pleasant Grove
Nelson, Joseph E., Cor	Spanish Fork
Nelson, Mabel M., Ex	American Fork
Nelson, Leo B., ap-S-ss	American Fork
Nelson, Raymond H., ap-So	Oakley, Ida.
Nelson, Robert A., e-So	Spanish Fork
Nelson, Rulon H., e-So	Spanish Fork
Newbold, Marlin Elmer, fa-So	Sandy
Newell, Afton, Cor	Logan
Newell, Lona A., e-So	Mona
Newman, Bessie A., e-ss	Pleasant Grove
Nibley, Sloan A., ss	Los Angeles, Calif.
Nicholes, Fern S., Ex	American Fork
Nicholes, Ray D., e-S	American Fork
Nielson, Dean Elroy, e-J	Tooele
Nielson, Emil K., Ex	Provo
Nielson, Etta, e-F	Provo
Nielson, Hattie, e-F	Huntington
Nielson, Kenneth A., Cor	Kamas
Nielson, Ottis, Ex-Cor	Fairview
Nielson, Inez H., e-ss	Provo
Nielson, Jean C., a-So	Idaho Falls, Ida.
Nielson, Jens P., e-So	Huntington
Nielson, LaRue I., e-F	Provo
Nielson, Leland, e-F	Fairview
Nielson, Mary, a-ss	Ephraim
Nielson, Nora A., e-So	Manti
Nielson, Pricella, e-So	Springville
Nielson, Stella, ap-Sp	Provo
Nielson, Tolla R., e-F	Mammoth
Nilsson, Maud, a-J	Heber
Nisonger, Phyllis, e-So	Mammoth
Noel, Bessie, a-F	Vernal

Noel, Mary, Cor	Vernal
Nordberg, Ebba, Cor	Richfield
Norman, S. Adriel, e-S	Fairview
Noyes, Wendell C., c-J	American Fork
Nuttall, Clarissa, e-ss	Provo
Nuttall, Hazel, e-F	Provo
Nuttall, James A., ss	Provo
Nuttall, Rulon, e-Un-Cor	Provo
Nuttall, Tom, ap-F	Wallsburg
Nuttall, Winifred W., Ex	Provo
Oakes, Mary M., Ex	Springville
Oaks, L. W., Ex	Provo
Oaks, Mrs. L. W., Ex	Provo
Oaks, Nellie, e-F	Vernal
Oberhansley, Grace, ss	Ogden
Olpin, Lewis, Ex	Pleasant Grove
Olsen, C. P. Ex	Payson
Olson, Crista, e-ss-Ex	Payson
Olson, G. F., Ex	Fairview
Olsen, Griselda, Ex/	Mt. Pleasant
Olsen, Harry J., fa-J	Santaquin
Olsen, Hilda, Cor	Hyrum
Olsen, LeRoy J., Ex	Provo
Olsen, Lucille, a-S	Mayfield
Olson, Lucille J., c-F	Provo
Olson, Olena, e-ss-Cor-Ex	Salt Lake City
Olsen, O. Wilford, e-So	Brigham City
Openshaw, Rulon W., a-ss	Provo
Osmond, Annie L., e-ss	Provo
Osmond, Mary Irene, a-So	Provo
Osmond, Nan H., a-F-ss	Provo
Ostlund, Evelyn, Cor	Provo
Ostlund, Mary B., fa-J	Alta, Canada
Ottesen, E. Velma, ap-So	Riverton
Oveson, Merrill M., ap-S	Castle Dale
Pace, Fern, e-ss	Price
Pace, Henry A., G	Price

Pace, Mildred, c-F	Payson
Packard, Jessie, Ex	Springville
Packard, Virginia, ap-So	Magna
Pagano, Lucile, e-ss	Price
Paice, Clifford A., e-J	Beaver
Painter, Jay E., a-F	Bloomington, Ida.
Palfreyman, Ione, Ex	Springville
Palmer, Clarence W., ap-S	Vernal
Palmer, Maude A., Cor	Monticello
Parcell, Lyman A., c-S	Provo
Pardoe, Fern, fa-F	Ogden
Pardoe, Kathryn, fa-ss	Provo
Pardoe, T. Earl, G	Provo
Parker, Alice, Ex	American Fork
Parker, Byron H., ap-J	Payson
Parker, Charles J., e-F	Payson
Parker, Harry J., c-J	American Fork
Parkinson, Ruth, ap-ss	Rexburg, Ida.
Parrish, Ruth, ap-So	Peterson, Utah
Parry, Eleanor, a-ss	Manti
Parry, Etta, a-F	Provo
Partridge, E. DeAlton, a-J	Provo
Partridge, Gertrude E., fa-F-ss	Provo
Partridge, Maud, e-So	Provo
Passey, Spencer Jos., a-Sp	Provo
Paton, Marcella, fa-F	Preston, Ida.
Patten, Erma, e-F	Payson
Patten, Ray, e-F	Payson
Patterson, Helen S., ap-F	Provo
Patterson, Mark T., a-F	Carey, Ida.
Patterson, Venna, e-So	Bloomington, Ida.
Paulsen, Elna H., e-F	Eureka
Paulson, Jean R., a-So	Pleasant Grove
Paulson, Lucile T., Ex	Pleasant Grove
Paxman, Arthur A., a-ss	St. George
Paxman, Emma, fa-F	Nephi
Paxman, Grace, Ex	Provo
Pay, Zelma, e-F	Nephi

Payne, Ed. W., a-F	Provo
Pearson, Clara, Cor	Idaho Falls, Ida.
Pearson, Dale, c-F	Mendon
Pearson, Paul B., ap-J	Oakley
Peay, Anna M., fa-So	Provo
Peay, Edwin A., c-S-ss	Provo
Peck, Maurine, fa-F	Ogden
Penrod, Donna M., e-ss	Provo
Penrod, Max, e-So	Provo
Perkins, Milton L., a-S-ss	Provo
Perkins, Minnie, e-ss	Payson
Perkins, Ruth, e-ss	Provo
Perry, Mary H., e-So	Provo
Peters, Adele, e-ss-Ex	Provo
Peters, Vera, c-Sp	Provo
Peterson, Afton G., a-So	Lyman, Wyo.
Peterson, Dale H., a-F	Richfield
Peterson, Eleanor, a-ss	Mesa, Ariz.
Peterson, Florence, fa-J	Preston, Ida.
Peterson, Hilda, ap-So	Fairview
Peterson, James E., ap-Un	Cedar Valley
Peterson, Lela, e-F	Richfield
Peterson, Lileth, e-ss-Ex	Lehi
Peterson, Madge H., a-J	Richfield
Peterson, Mary L., e-So	Preston, Ida.
Peterson, Orrin H., c-F	Chandler, Ariz.
Peterson, O. H., Ex	Lehi
Peterson, Pauline M., Ex	Mt. Pleasant
Peterson, Raymond F., fa-F	Pleasant Grove
Peterson, Roxie, e-So	Provo
Peterson, Sylvia T., e-ss	Pleasant Grove
Peterson, Una H., c-F	Richfield
Peterson, L. Walter, fa-So	Castle Dale
Phillips, Evans J., e-So	Roosevelt
Phillips, Iva, ap-J	Springville
Phillips, Jas. W., Ex	American Fork
Phillips, Ray T., a-F	Provo
Pickup, Georgia Rae, e-ss	Vernal

Pickup, Helen, e-ss	Vernal
Pitt, Earl, e-So	Kamas
Platt, Earl, a-F	St. Johns, Ariz.
Platt, Harvey, a-ss	St. Johns, Ariz.
Plummer, E. Gail, fa-S	Heber
Polly, Orville L., a-So	Provo
Polly, Ruth F., fa-F	Provo
Porter, Adria R., Ex	Provo
Porter, Hyrum P., a-Sp	Morgan
Porter, Leah, e-F-Cor	Hatch
Porter, Reed R., c-J	Morgan
Porter, Trysa, e-ss	Springville
Porter, Wesley, fa-F	Morgan
Potter, Elwin A., ss	Bancroft, Ida.
Potter, Ethlyene, ap-So	Bancroft, Ida.
Potter, Glenn S., fa-So	Bancroft, Ida.
Poulson, Faughn, Ex	Mt. Pleasant
Poulson, Marie, e-So	Provo
Poulson, Mercedes, e-F	Richfield
Poulson, Rhoda E., e-ss	Provo
Poulson, Wendell M., e-F	Provo
Powell, Arthur Ex	Payson
Powelson, Dorothy, e-F	Provo
Powelson, Marvin, fa-Sp	Provo
Pratt, Ansel, a-Un	Hinckley
Pratt, Claud H., c-F	Hinckley
Pratt, Victor T., c-So	Hinckley
Prestwich, James, Ex	Moroni
Price, Janet M., e-So	Moab
Price, Lloyd, Ex	Chester
Price, Scott B., e-S	Provo
Prince, Elaine, e-So	Price
Prince, Genta, e-F	Provo
Prince, Rhoda R., e-ss	Hurricane
Prior, Carl, e-J-ss-Cor-Ex	Spanish Fork
Prior, Gwen C., Cor	Spanish Fork
Prior, Helen M., ap-F	Spanish Fork
Prior, Lydia, e-ss-Cor	Spanish Fork

Probst, Ruby, e-So	Midway
Proctor, Annie C., Ex	Pleasant Grove
Provost, Valorus, ap-J	Midway
Prusse, Hannah, fa-Sp	Provo
Pryde, Leslie J., a-So	Gridley, Calif.
Pugmire, D. Ross, e-S	Garden City
Pugmire, Stanford R., e-S	St. Charles, Ida.
Pulley, Esther E., c-F	American Fork
Pulsipher, Genevieve, c-F	St. Johns, Ariz.
Pulsipher, Juanita, ss	St. George
Pulsipher, J. Wm., e-J-Cor	St. George
Puzey, Ila, Ex	Spring City
Rappleye, Verda, e-F	Castle Gate
Rasband, Irving R., c-F	Heber
Rasmussen, Daniel, Ex	Mt. Pleasant
Rasmussen, Ernest R., ss	Provo
Rasmussen, D. Irwin, a-J	Mt. Pleasant
Rasmussen, Lenore, ap-So	Provo
Ratcliffe, Wm., a-J-ss	Provo
Reed, Evalina, Ex	Provo
Reeder, Birde, ss	Ogden
Rees, Mrs. A. C., Cor	Salt Lake City
Reeve, Mark J., a-F	Hinckley
Reid, Bertha, e-So	Vernal
Remund, Clive O., a-F	Midway
Remund, Ralph, a-F	Midway
Reynolds, Alice L., ss	Provo
Reynolds, Allen C., a-So	Springville
Reynolds, Thomas V., a-So	Springville
Reynolds, Vilate K., Ex	Springville
Rich, Naoma, e-So	Paris, Ida.
Rich, Stella P., Cor	Paris, Ida.
Richan, Raymond B., a-S-ss	Provo
Richards, Fred G., a-S	Pleasant Grove
Richards, Martha e-F	Vernal
Richards Wilford W., ss	Garland
Richardson, Mable, fa-So	Vernal
Riches, Mack V., c-So	Nephi

Richey, Guy, c-F	St. Johns, Ariz.
Ricks, Lorin R., fa-S-Ex	Sugar City, Ida.
Rigby, Rowland L., ap-S	Fairview
Rigby, Wendell M., e-J	Provo
Rigtrup, Mary, e-So	Spanish Fork
Robbins, LaCloe, e-So	Moreland, Ida.
Roberts, Bertha, G	Provo
Roberts, Howard, ap-Un	Provo
Roberts, Jesse L., e-J	Sugar City, Ida.
Roberts, LouVell, e-So	Delta
Roberts, Mable, fa-Sp	Provo
Roberts, Mary, a-ss	Salt Lake City
Roberts, Ruth, Ex	Provo
Roberts, Zella L., a-Sp	Provo
Robertson, Herbert, ap-F	Spanish Fork
Robertson, J. Wesley, e-ss	Springville
Robertson, LeRoy, fa-ss	Provo
Robertson, Thomas O., ap-F	Spanish Fork
Robinson, Afton, ap-So	Farmington
Robinson, Ethel, fa-F	Kanab
Robinson, Florence, fa-So	Provo
Robinson, Glen, e-J	American Fork
Robinson, June, a-U	Provo
Robinson, L. Ray, ss	Tetonia, Ida.
Robinson, Willis, a-J	Provo
Robinson, Joseph S., e-ss	Provo
Rockhill, Lois Ruth, ap-S	Spanish Fork
Rogers, Alfred, Ex	Pleasant Grove
Romney, Celia, ap-F	Col. Juarez, Mex.
Romney, Elizabeth, fa-F	Col. Juarez, Mex.
Romney, Ethelyn, c-So	Duncan, Ariz.
Romney, Helen, fa-F	Col. Juarez, Mex.
Romney, Lucille, a-J-ss	Provo
Ross, Alma, fa-F	Provo
Ross, Beth, ap-S	Provo
Ross, G. Raymond, c-S-ss	Provo
Ross, Reed H., c-So	Vernal
Ross, Soren, a-S	Ephraim

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Rowe, Edward M., G	Spanish Fork
Rowe, Glen A., ss	Spanish Fork
Rowe, John A., a-So	Spanish Fork
Rowe, Owen, a-So	Spanish Fork
Rowland, Fred T., a-F	Montpelier, Ida.
Rowland, Grace, e-ss	Springville
Rowlands, Harry W., a-J	Provo
Rowlands, Louisa, Ex	Springville
Roylance, Arnold C., a-S	Springville
Roylance, Mary, Ex	Springville
Roylance, Zina J., Ex	Provo
Russell, Marion L., a-J	Mammoth
Rust, D. Jordan, c-J	Kanab
Rust, Emma, e-ss	Kanab
Rust, Rae E., fa-J	Kanab
Rutherford, Clifford, fa-F	Fillmore
Sackett, Harold M., a-F	Stirling, Ida.
Sainsbury, Freda, e-So	St. Johns, Ariz.
Salisbury, C. G., Ex	Springville
Salisbury, Paul, fa-Un	Salt Lake City
Sampson, Ellen, e-ss	Eureka
Sampson, Melba, c-F	Delta
Samuelson, Bernice, e-F	Santaquin
Sanders, Cleon C., ap-J	Nephi
Sanders, Ellis A., c-J	Nephi
Sanders, Hilda, Ex	Fairview
Sanderson, G. Reed, e-S	Fairview
Sandgren, G. E., Ex	Provo
Sargent, Theron W., c-F	Payson
Sauls, Phoebe, ap-S-ss	Provo
Scharrer, Chrystal, e-F	Payson
Schlappi, Alta, e-So	Delta
Schofield, Hannah, e-F	Nephi
Schofield, Nevada, e-F	Hiko Nevada
Schott, Thomas R., a-ss	Provo
Scorup, Alberta, fa-J	Provo
Scorup, Caroline, c-F	Provo
Scorup, Etta, ap-S-ss	Provo

Scorup, LaVerde, a-ss	Provo
Scorup, Ruth, fa-F	Salina
Scott, Geo. C. Jr., Ex	Provo
Scott, Janet, e-F	Provo
Scott, Zina Mae, e-So	Provo
Seager, W. Kennedy, Cor	Fountain Green
Seal, James L., ap-S-ss	Riverton
Seamount, Naomi, fa-F	Provo
Searle, Fannie, Ex	American Fork
Seegmiller, Glen W., e-So	Richfield
Seegmiller, Ida., e-ss	St. George
Seegmiller, K. L., Cor	Midvale
Seegmiller, Marie, c-Sp	St. George
Seegmiller, Vera, e-ss	St. George
Seely, Iona, e-ss	Mt. Pleasant
Sessions, Charles D., ss	Rigby, Idaho
Severson, Lillie, c-F	Rigby, Idaho
Severson, Norma A., e-So	Rigby, Idaho
Shaffer, Mrs. Lois, Cor	Twin Falls, Idaho
Shaw, Clinton G., a-F	Provo
Shelley, David M., a-So	American Fork
Shelley, Edna C., e-J	American Fork
Shepherd, Douglas W., c-F	Levan
Shepherd, Laura, e-S	Beaver
Shields, Bud Alma, a-F	Provo
Shipp, M. Lottie, a-Sp	Salt Lake City
Shirley, Arthur, ap-Un	Fish Haven, Ida.
Shoell, Geneva., ap-F	Pleasant Grove
Shoell, Thelma, e-So-ss	Pleasant Grove
Showalter, Vera, e-F	Vernal
Shurtleff, Laura, e-So	Alameda, Calif.
Simmons, David G., a-ss	Spanish Fork
Simmons, Donald M., a-J	Payson
Simmons, Ross, Cor	Thornton, Idaho
Simmons, Elizabeth, e-So	Payson
Simmons, Henry R., a-So	Payson
Simmons, Jesse Theodore, a-So	Rexburg, Ida.
Simper, Lorena, e-F	Vernal

Singleton, Kenneth D., a-So	American Fork
Singleton, Lavelle, e-F	American Fork
Singleton, Stella, c-F	American Fork
Skidmore, Reva H., e-ss	Delta
Skinner, Agnes C., e-F	Spanish Fork
Skousen, Basil W., c-F	Gilbert, Ariz.
Skousen, Clarence F., a-F	Gilbert, Ariz.
Skousen, Loran E., c-F	Gilbert, Ariz.
Skousen, Mary Viva, fa-So	Col. Juarez, Mex.
Slack, H. Roy, ss	Provo
Slosser, Nell T., Cor	Pinedale, Ariz.
Smart, Anna H., e-ss	Roosevelt
Smart, Henriette Neff, a-Sp	Provo
Smart, Lynn Willard, a-F	Provo
Smart, Nellie B., e-Sp-ss	Provo
Smart, Wayne Neff, a-S	Provo
Smith, Ada, e-ss	Springville
Smith, Beatrice, Ex	Provo
Smith, Blaine H., c-F	Springville
Smith, Eada, a-S-Ex	Phoenix, Ariz.
Smith, Elmer H., a-J	Beaver
Smith, George A., ss	Snowflake, Ariz.
Smith, Helen, Ex	Pleasant Grove
Smith, Jasper B., a-So	Beaver
Smith, A. Lucile, e-F	Garden Grove, Calif.
Smith, Marylene M., Cor	Cleveland, Ohio
Smith, Myrtle H., Ex	Provo
Smith, Nora, e-F	Lehi
Smith, Ruby, e-ss	Pleasant Grove
Smith, Ruth, a-F	Springville
Smith, T. Lynn, a-So	Sanford, Colo.
Smith, Virginia, e-So	Draper
Smith, Wm. Albert, fa-So	Morgan
Smith, Wm. Lavern, e-So- Cor	Sandy
Smith, Welland F., Cor	Preston, Ida.
Smoot, Anna, a-So	Provo
Smoot, A. Owen, c-So	Provo
Snarr, Hattie, a-Un	Provo

Snell, Celesta, c-F	Brownsville, Texas
Snell, George A., ap-Sp	Brownsville, Texas
Snell, Hillman C., a-F	Ephraim
Snell, Vesta E., fa-So	Ephraim
Snow, Beulah, e-So-ss	Wellington
Snow, Elizabeth, a-ss-Cor	Pine Valley
Snow, Emma, fa-S-ss	Provo
Snow, R. Thornton, c-F	Provo
Snow, William J. Jr., c-So	Provo
Sorensen, Gladys, fa-F	Moroni
Sorensen, Grace, e-So	Moroni
Sorensen, Mary A., e-So	Spanish Fork
Sorensen, Mildred J., e-F	Goshen
Sowards, Vera, c-ss	Provo
Sowby, George L., c-So	Nephi
Sowby, Shirley F., c-F	Nephi
Spafford, Louise, e-F	Provo
Spear, Oscar A., a-Sp-Ex	Provo
Spear, Mrs. A. O., Ex	Provo
Spencer, Ethel S., Ex	Provo
Spilsbury, Ila E., fa-F	Cedar City
Springer, Pauline, c-Sp	Provo
Staheli, Harvey R., e-S	Santa Clara
Staheli, Lafayette, ap-J	St. George
Stahmann, Kathryn, a-F	Spanish Fork
Staker, Flossie, Ex	Mt. Pleasant
Standing, Arnold R., a-Sp	Ogden
Stanton, Wm. D., e-So	Eureka
Stark, Mark H., ap-S	Spanish Fork
Starley, Reed G., c-So	Fillmore
Starr, Howard L., Ex	Moroni
Starr, Mary Cor	Salt Lake City
Starr, Nellie a-ss	Springville
Starr, Nora, c-F	Springville
Startup, Naomi ap-F	Provo
Steadman, Beth, e-So	Riverton
Steele, Ellis J., e-S	Salina
Steele, Ray, Ex	Goshen

Steele, Ruby Z., e-F	American Fork
Stephenson, Annie M., e-ss	Nephi
Stevens, Dicie, e-F	Provo
Stevens, Hugh W., ap-J	Ferron
Stevens, Iona B., e-S-ss	Provo
Stevens, Kenneth R., ap-S	Ferron
Stevens, Mary E., e-F	Randlett
Stevens, Stella Floy, c-F	Randlett
Stewart, C. L., Ex	Mt. Pleasant
Stewart, Dorothy Ann, a-So	Provo
Stewart, Edna, e-So	American Fork
Stewart, Evelyn, e-So	Provo
Stewart, Florence A., fa-F	Salt Lake City
Stewart, Halbert C., a-S	Provo
Stewart, Marba, e-ss	Alanio, Nev.
Stewart, Max W., a-F	Payson
Stewart, Ottis L., e-ss-Ex	Fairview
Stewart, Ruth, e-F	Las Vegas, Nev.
Stewart, Vivian H., Ex	Spanish Fork
Stiehl, Fay Loose, fa-Sp-Ex	Provo
Stimpson, John V., a-J	Ogden
Stone, C. Averil, e-So	Ioka
Stone, Zella May, e-F	Salem
Storrs, Wilford L., ap-F	American Fork
Stott, Leland H., a-S	Felt, Idaho
Strate, Fred C., e-ss	Provo
Straw, George, c-ss	Springville
Straw, Lucile, ap-So	Springville
Straw, Luell, e-So	Springville
Stringham, Anna, e-So	Sigurd
Strong, Amber, Cor	Alpine
Strong, W. Melvin, e-S	Salt Lake City
Strong, Olive B., a-S	Provo
Strong, Ray J., ap-F	Springville
Stubbs, Elva, e-So	Provo
Stucki, Erma C., Ex	Provo
Stucki, E. W., Ex	Moroni
Stucki, Ezra S., e-S-ss	Paris, Idaho
Stucki, Ferdinand K., a-J	St. George

Sudweeks, Leslie L., e-ss	Kimberly, Ida.
Sullivan, LaRue G., a-F	Cedar City
Sumsion, Clyde, ap-F	Provo
Sumsion, Leona, e-ss	Springville
Sumsion, Vera, e-ss	Springville
Sutherland, A. A., Ex	American Fork
Sutton, Mrs. E. D., Ex	Provo
Sutton, Marion, a-Sp	Provo
Sutton, Marion, a-Sp	Provo
Sutton, Mrs. Raymond, Ex	Provo
Swallow, Ione, e-So	Fillmore
Swallow, Robert, c-F	Fillmore
Swan, Frances, e-F	Sandy
Swenson, J. Blaine, a-F	Spanish Fork
Swenson, Helen, a-So	Pleasant Grove
Swenson, Jane L., fa-Sp	Provo
Swenson, Lura T., e-ss	Provo
Swenson, Margaret D., e-ss	Provo
Swenson, Margaret, Cor	Provo
Swenson, Norma, Ex	Spanish Fork
Swenson, Reed K., a-S-ss-Cor	Provo
Sylvester, Ralph D., e-F	Eureka
Syme, George L., c-F	Provo
Syme, Jas. H., Ex	Provo
Tangren, Wilford E., a-Sp	Provo
Tanner, Annie A., a-J-ss-Ex	Provo
Tanner, George, ap-F	Provo
Tanner, Ida, ap-F-ss	Provo
Tanner, Nelda J., e-F	Payson
Tanner, Ruth, ss	Ogden
Taylor, Afton C., e-J	Salt Lake City
Taylor, Alice, fa-So	Provo
Taylor, Amelia R., a-Sp-Ex	Provo
Taylor, Don L., a-F	Lehi
Taylor, Dunn L., e-S	Springville
Taylor, Edna, Cor	Ogden
Taylor, Henry D., c-So-Cor	Provo
Taylor, Katherine Neff, fa-F	Salt Lake City

Taylor, Leo, c-J	Provo
Taylor, Mabel, ap-Sp	Provo
Taylor, Max a-So	Provo
Taylor, Nelden A., a-Un	Payson
Taylor, Sameul W., a-F	Provo
Taylor, Victor R., a-Un-ss	Provo
Terry, Dean E., a-F	Provo
Terry, Mrs. E. B., Ex	Spring City
Thatcher, Frederick D., c-F	Provo
Thacker, LaPrele, e- So	Charleston
Thacker, Ralph A., ap-J	Heber
Thayne, Edythe, a-J	Moore, Idaho
Thiriot, Joseph E., c-F	Hiko Nev.
Thomas, Blanche R., c-F	Spanish Fork
Thomas, Clyde, a-J	Lorenzo, Idaho
Thomas, Forrest D., ap-F	Provo
Thomas, Herman L., ap-S	Pinedale, Ariz.
Thomas, Jos. M., a-So	Preston, Idaho
Thomas, Martha, fa-J	Preston, Idaho
Thomas, Max, a-So	Spanish Fork
Thomas, Norman, c-ss-Ev	Provo
Thomas, Ora M., c-So	Heber
Thomas, Sazie A., e-S-ss	Wales
Thompson, Alice, e-So	Antimony
Thompson, Deltha, Cor	Lapoint
Thompson, Leda Fay, ap-S-ss	Ephraim
Thomson, Cannon A., fa-ss	Ephraim
Thorne, Fern, Ex	Pleasant Grove
Thorn, Rea, e-F	Spring Canyon
Thorne, Richard H., a-J	Springville
Thornton, Nellie S., G-ss	Provo
Thornton, O. W., Cor	Delta
Thurber, Norma, e-F	Richfield
Thurber, Ruby, e-F	Richfield
Thurgood, Joseph G., c-F	Provo
Tilson, Evelyn, c-F	Payson
Timothy, Elmer, ap-So	Jensen
Tippetts, Vernal F., a-Un	Spanish Fork

Todd, Francis S., e-F	Roosevelt
Tolboe, Nathella, e-F	Provo
Tolhurst, Delsa, ap-F	Payson
Tree, Laura, Cor	Farmington
Tregeagle, Linden S., ap-F	Provo
Tucker, Dell T., ap-So	Murray
Tucker, Geo. Webster, e-S-ss	Provo
Tucker, Laura, ap-So	Provo
Tuckfield, Maud, Ex	Provo
Tueller, Rulon S., a-F	Paris Idaho
Turner, Charlotte, Cor	Salt Lake City
Turner, Josie A., e-So	Heber
Tuttle, Florence, e-So	Spanish Fork
Tuttle, Hubbard, e-ss	Spanish Fork
Tuttle, Josephine N., e-J	Spanish Fork
Tuttle, Lucile, Cor	Manti
Udell, T. Dean, e-So	Lehi
Vance, Elma, e-Sp	Provo
Vance, Serena B., e-Sp	Provo
Van Wagenen, Clyde L., c-J	Provo
Van Wagenen, Loree, fa-So	Provo
Van Wagenen Verl E., c-J-Cor	Provo
Van Wagoner, Arthur W., a-Un	Midway
Varney, John A., a-F	American Fork
Vernon, Ethel, e-ss-Cor	Vernal
Vest, Grant H., a-F	American Fork
Vincent, Rowe, c-F	Provo
Vogel, Walter, fa-J	Provo
Wadley, LaVere J., c-So-Cor	Pleasant Grove
Wagstaff, LeRoy, ap-J-Cor	American Fork
Wakefield, Lynn, fa-So	Provo
Wakefield, Nita, fa-F-ss	Provo
Waldram, Eula, ap-S	Sugar, Idaho
Waldron, Afton A., a-J	Morgan
Walker, Lucille, Ex	Pleasant Grove
Walker, Mary L., Cor	Coalville
Walker, Jessie M., Ex	American Fork

Walker, Nellie, a-Sp	Provo
Walker, Paul K., e-So	Pleasant Grove
Walker, Robert, Ex	Pleasant Grove
Walker, Ruth V., e-J	Pleasant Grove
Wall, Alonzo E., e-ss-Ex	Santaquin
Wallentine, Robert W., a-So-ss-Cor	Paris, Idaho
Walser, Geo. J., Cor	Miami, Ariz.
Walters, Lucille, e-F	Provo
Walters, Vera, e-F	Provo
Wanlass, Marie M., e-ss	Monroe
Ward, J. Moroni, c-F	Washakie
Wardell, Wm. H., S	Mammoth
Warner, Thelma, e-So	Nephi
Warnick, Effie. G	Pleasant Grove
Warnick, Inez, ap-S	Provo
Warnick, Paul, c-So	Provo
Warnick, F. G., Ex	Provo
Warnock, Irvin L., Cor	Sigurd
Warthen, Margaret, c-Sp	Springville
Washburn, Don E., a-So	Provo
Washburn, Jesse A., a-ss	Provo
Washburn, J. Nile, e-S-cor	Provo
Washburn, Thomas D., a-Sp	Provo
Waters, Alta M., e-So	Myton
Watkins, David C., e-ss	Bingham
Watkins, Leah L., a-ss	Bingham
Watson, Mazie, e-F	Charleston
Watts, Alice D., e-S	Provo
Watts, John A., ss-Cor	Provo
Watts, Orvil A., e-ss	Provo
Watts, Ruth D., fa-F-ss	Provo
Webb, Blanche L., e-So	Lehi
Webb, Clark D., a-F	Provo
Webb, Francis W., fa-F	Tucson, Ariz.
Webb, Garn, c-So	Provo
Webb, Ina T., fa-F	Provo
Webster, D. W., Ex	Provo
Webster, Emma J., Ex	Provo

Webster, Ora L., c-F	Thatcher, Ariz.
Weeks, Helen, e-F	Pleasant Grove
Weeks Noma, ap-S-ss	Pleasant Grove
Weight, Phena B., Ex	Provo
Welker, Lizzie H., a-ss	Paris, Idaho
Welker, Russell R., a-J	Montpelier, Idaho
Wentz, Donald E., a-J	Provo
Wentz, Myrl, a-Un'	Provo
Wentz, Ray V., Ex	Provo
West, Burnell G., e-So	Pleasant Grove
West, Elroy R., Cor	Pleasant Grove
West, Junius A., Ex	Pleasant Grove
West, Myron F., c-S-Cor	Pleasant Grove
West, Ruby, e-So	Pleasant Grove
West, Thelma, fa-F	Pleasant Grove
West, Viola, a-ss-S	Pleasant Grove
Westover, C. Nello, c-So	Provo
Westover, Elden G., ap-So	Huntington
Westrope, Hazel, e-ss	Provo
Whatcott, H. D., Ex	Provo
Whatcott, Thos. A., Cor	Kanosh
Wheeler, Edda, e-ss	Springville
Wheeler, Goldie G., e-So	Silver City
Whetten, Nathan L., G-ss	Provo
Whetten, Theora J., fa-S	Provo
Whitaker, Chas. Paxton, c-F	Provo
Whitaker, Susa P., e-ss	Provo
Whitby, Thelma V., e-So	Carey, Idaho
White, Delmont H., Cor	St. Anthony, Idaho
White, Lacy, Ex	Pleasant Grove
White, Verda R., c-F	St. Anthony, Idaho
Whitehead, Edith A., ap-Sp	Provo
Whitehead, Joseph E., fa-F	Provo
Whiting, Ray, Cor	Springville
Whiting, Frank M., a-F	Charleston
Whiting, Harold J., a-F	Springville
Whiting, Lamar, a-F	Provo
Whiting, Ray, a-Un-Cor	Springville

Whittaker, Virginia, a-F	Springville
Whittle, Horace Y., e-So	Preston, Idaho
Whowell, John E., Cor	Chicago, Ill.
Widdison, Hilda M., e-ss	Paul, Idaho
Wilcox, Truman, a-F	La Sal
Wilde, Lucille, e-F	Oakley
Wilkins, Jennie, Ex	Provo
Willes, Echo F., e-So	Lehi
Wilkins, Byron L., a-So	Park City
Wilkins, Edward, a-F	Duchesne
Wilkins, Viva C., fa-F	Shelley Idaho
Wilkinson, Elva A., fa-F	Ogden
Williams, Archie H., c-F	Spanish Fork
Williams, Elbert M., e-F	Pleasant Grove
Williams, Fenton L., e-ss	Ferron
Williams, Heber C., Cor	Oxford, Ida.
Williams, Hilda, e-So	Provo
Williams, LaRita E., a-F	Lake View
Williams, LaRue F., Ex	Provo
Williams, Margaret, e-S-ss	Provo
Williams, Mary E., fa-So	Spanish Fork
Williams, Nephi L., e-ss	Castledale
Williamson, Pauline, ap-So	Pleasant Grove
Wilson, A. R., Ex	Payson
Wilson, Eva, a-S	Midway
Wilson, Frank R., c-So	Nephi
Wilson, Naomi, e-So	Payson
Wilson, Norma, e-F	Payson
Wilson, Rea, ap-F	Payson
Wilson, Stanley, a-Un	Payson
Wilson, Waldo, a-F	Payson
Wing, Aleithea S., fa-Sp	Provo
Wing, Mariam D., ap-F	American Fork
Winkler, Aurel P., Cor	Mt. Pleasant
Winkler, William O., a-J	Mt. Pleasant
Winters, Helen, c-Un	Salt Lake City
Wipf, Peter J., a-J	Alberta, Canada
Wixom, Wm. H., a-F	Etna Mills, Calif.

Wood, Amos, c-Sp	Spanish Fork
Wood, Catherine M., Ex	Springville
Wood, Olive, ap-F	Cardston, Alberta, Canada
Woodbury, Angus M., a-S	St. George
Woodbury, Wm. Evans, e-ss	Hurricane
Woodbury, Emma, fa-Sp	Hurricane
Woodruff, Margaret, e-So	Salt Lake City
Woodward, Gladys, ap-J	Franklin, Idaho
Wooley, Mary, fa-ss	Ogden
Worsley, Sadie, G	Provo
Worthen, Vernon, e-ss-Ex-Cor	St. George
Worthington, Vernal, c-J	Provo
Wride, Prudence, e-So	Benjamin
Wride, Wendell S., a-S	Payson
Wright, Addie M., fa-F-Cor	Provo
Wright, Clark, fa-ss	Springville
Wright, Clifford L., Ex	Pleasant Grove
Wright, Harold M., a-So	Pleasant Grove
Wright, J. Leslie, a-So	Hinckley
Wright, Lelland R., ap-S-Cor	Hinckley
Wright, Nellie L., e-F	Charleston
Wright, Ruby, e-ss	Charleston
Wright, Sarah, Ex	Provo
Wyller, Geo. A., e-ss	Payson
Yorgason, Ella, e-F	Burlington, Wyo.
Young, Fern A., ss	St. David, Ariz.
Young, Lavon, a-J	Blanding
Young, Newel K., Cor	Salt Lake City
Young Pearl, Cor	Castle Gate
Young, Jesse L., Ex	Fairview
Young, Rhea. c-Sp	Gridley, Calif.
Zager, Angela, e-So-ss	Hayden

SUMMARY OF STUDENTS 1926-1927

Graduates -----	26	
Seniors -----	160	
Juniors -----	197	
Sophomores -----	381	
Freshmen -----	508	
Specials -----	101	
Unmatriculated -----	44	
	<hr/>	1417
Summer School 1926:		
Graduates -----	48	
Other Students -----	345	
Secondary Training -----	27	
	<hr/>	420
Secondary Training School:		
Senior High School -----	144	
Junior High School -----	104	
Elementary Training School -----	168	
	<hr/>	416
Correspondence and Extension -----		438
		<hr/>
		2691
Less those counted more than once -----		221
		<hr/>
Total receiving institutional credit -----		2470

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